



August 23, 2019

Via Electronic Mail and Overnight Mail

Monique Mooney, Esq.
Executive Counsel
Global Operations, EHS
GE

412 Creamery Way
Suite 100
Exton, PA 19341
T 1-203-383-9015
Monique.mooney@ge.com

Andrea Leshak, Esq.
Office of Regional Counsel
US. Environmental Protection Agency, Region 2
290 Broadway, 17th Floor
New York, New York 10007-1866
leshak.andrea@epa.gov

Zolyamar Luna
Caribbean Environmental Protection Division
U.S. Environmental Protection Agency, Region 2
City View Plaza II, Suite 7000
#48 Rd 165, km 1.2
Guaynabo, Puerto Rico 00968-8069
Luna.zolyamar@epa.gov

RE: General Electric Company's Response to "Notice of Potential Liability and Request for Information Pursuant to Sections 107(a) and 104(e) of the Comprehensive Environmental Response, Compensation, and Liability Act, 42 U.S.C. §§ 9601-9675, relating to the PROTECO Site in Peñuelas, Puerto Rico"

Dear Ms. Leshak and Ms. Luna:

On behalf of General Electric, I have enclosed a CD containing a supplemental production of documents responsive to the above-referenced Request for Information dated March 28, 2019 from the United States Environmental Protection Agency ("EPA") concerning the PROTECO Site in Peñuelas, Puerto Rico. The documents in the supplemental production are bates stamped GE_CARIBE001690-GE_CARIBE001996. General Electric makes this supplemental production subject to and without waiver of the general and specific objections it asserted in its May 24, 2019 and June 24, 2019 narrative submissions to EPA.

Respectfully submitted,

/s/ Monique Mooney

Monique M. Mooney, Esq.
GE Global Operations

Enclosure

cc: Kathleen Campbell, Esq. (via email)

584578



000001

PANAFAX TRANSMITTAL
JUANA DIAZ PLANT

TO Milagros Ruiz
E. Buso
LOCATION GEPRO
NO. PAGES TO FOLLOW 1

FROM J. Colon
DATE 5-22-90

☐ ACTION ☒ INFORMATION ☐ COMMENTS ☐ OTHER

F.Y.I.

[Signature]

Ordena Laffitte el cierre de un vertedero

Por JOSE FERNANDEZ COLON
De La Agencia EFE

PONCE—El juez del Tribunal Federal en San Juan, Héctor M. Laffitte, ordenó a la empresa Protección Técnica Ecológica

(PROTECO) cerrar el vertedero donde arroja desperdicios peligrosos.

El fallo en contra de la empresa dedicada al manejo de basura le obliga a pagar la limpieza del área utilizada como vertedero en Peñuelas y ordena supervisar la zona

por un período de 30 años.

La orden también exige a la empresa, ubicada en el sector Tallaboa de Peñuelas, que cumpla con todos los procedimientos requeridos por el organismo federal de Protección Ambiental (EPA) para terminar con el "estatus interino" con el cual se le clasifica actualmente.

PROTECO, cuya autorización para continuar operando la instalación para trata-

la misma.

EPA también deberá suministrar en un período idéntico la documentación técnica relacionada con la clausura de la instalación, así como de la información relacionada con las responsabilidades vigentes después del cierre.

La determinación judicial también obliga a PROTECO a someter a EPA una carta donde expresen su retiro de la solicitud del

JUDGE LAFFITE ORDERS CLOSING OF LANDFILL

Ponce— The Judge of the Federal Court in San Juan, Hector M. Laffitte, order the Ecological Technical Protection Company (PROTECO) to close the landfill where it dumps hazardous wastes.

The decision against the company, dedicated to dispose of waste, forces it to pay for the cleaning of the area used as landfill in Peñuelas and orders the company to supervise the area for a period of 30 years.

The order also demands from the company, located in the Tallaboa section in Peñuelas, to comply with all procedures required by the Environ. Protection Agency (EPA) to put an end with the "interim status" in which it is classified at present.

PROTECO, whose authorization to continue operating the installation for the treatment, deposit and disposition of hazardous wastes could be revoked if it does not meet EPA demands, presented a motion to modify the court order. Nevertheless, the legal recourse was denied by Laffitte.

The Judge ordered PROTECO & EPA to meet before May 21 to discuss the closure of the

El fallo federal obliga a PROTECO a pagar la limpieza del área utilizada como vertedero en Peñuelas



miento, almacenaje y disposición de desperdicios peligrosos, podría ser eliminada si no cumple pronto con las exigencias de EPA, presentó una moción para que se modifique la orden judicial.

SIN EMBARGO, el recurso legal, donde solicitaban que las penalidades a imponérseles se destinaran a un "fondo de mejoras", le fue denegada por Laffitte.

El juez ordenó a PROTECO y a EPA que se reúnan antes del próximo 21 de mayo para discutir la clausura de la empresa que maneja desperdicios tóxicos, peligrosos e industriales.

La orden judicial, copia de la cual fue entregada EFE, pide a PROTECO que entregue en un lapso de "por lo menos 20 días antes de la reunión" un resumen de los temas y documentación que presentarán en

permiso "Parte B" que le hubiese permitido operar legalmente este tipo de instalación.

Por su parte, el asesor científico de Misión Industrial, Mario Riera, indicó a EFE que aunque PROTECO niega que en sus instalaciones hay contaminación, los terrenos donde ubica la empresa sí están contaminados.

Indicó que el jueves visitará las instalaciones de PROTECO para verificar si se ha iniciado la limpieza ordenada por el juez Laffitte.

Riera opinó que PROTECO no expone la verdad cuando dice que "no es rentable" manejar y disponer desperdicios tóxicos y peligrosos porque en la Isla se generan sobre 405, 000 toneladas de desperdicios anualmente.

company. The court order requests PROTECO to present a summary of the subjects and documentation that it will submit to the court. EPA will also submit the technical data related to the closure of the installation, as well as the information related to the responsibilities after the closure.

The court order also forces PROTECO to submit to EPA a letter where they withdraw their request for permit B, which would have given the company the permit for the legal operation of the company.

"Industrial Mission" Scientific Advisor, Mario Riera, that PROTECO denies that there is contamination in the installation, but the ground where the company is located is contaminated. He will visit the premises next Thursday to verify if the cleaning ordered by Judge Laffitte has been started.

Riera said PROTECO is not telling the truth when they say that it is not economically feasible to operate a hazardous landfill because 405,000 tons per year are generated on the island.

To: Don Stoskopf
Warwick

Don:

I am including for your information an article from a local newspaper regarding Federal Court order for Closure of the Landfill where some of our ^{relating} sludge was deposited during the 1970's.

John
5-22-90

April 17, 1990

Juan Colon

In looking through some our old records
I found this document among Leroy
Hutzler's files. Is this the missing information
regarding the off-site disposal of some
hazardous wastes in Juana Diaz? This is
all I know across.

W. Stankoff

000005

GE Comment Wiring Device Business Department
Location Juana Díaz, P.R.

TABLE 2

WASTE DISPOSAL PRACTICES
OFF GE PROPERTY

Name and location of off-site disposer	Type* of disposal facility	Dates when used	Types and approximate quantities of waste disposed of **
Servicios Carbareon, Inc., Coto Laurel, P.R. 00644	Landfill at Guayanilla, P.R.		1976 Est. 10,000# 1977 Approximately 4000# plating waste treatment sludge (B-1 and B-5). 1978 Approximately 5000# plating waste treatment sludge (B-1 and B-5).

RECEIVED
90 APR 30 09:14
WIRING DEPT.
GE CARIBBEAN DIV.

GE_CARIBE00169

* Type of disposal facility includes e.g. landfill, lagoon, incinerator.
** Be as specific as possible, but at the very least use the general alpha numeric designation from Appendix. Express waste quantities as cubic yards, number of drums, or tons.

PUERTO RICO AQUEDUCT AND
SEWER AUTHORITY
PRETREATMENT PROGRAM
INDUSTRIAL SURVEY QUESTIONNAIRE

SECTION A
GENERAL INFORMATION

QUESTIONNAIRE

Return this questionnaire by _____

SECTION A: GENERAL INFORMATION

A1. Company Name Caribe General Electric Products, Inc.

A2. Company Address Calle Carrion Maduro Km. 67.2, Juana Diaz, P.R.

A3. Mailing Address

Street and P. O. Box No. P.O. Box 1430

City Juana Diaz, Puerto Rico

Zip Code 00663

Phone (809) 837-2500

A4. Authorized Company Officer

Jerry Purdy

Name (Print)

Plant Manager

Title

A5. Person to be contacted about questionnaire

Name Stephen Brown

Phone 837-2590

Position or Title Environmental Coordinator

Address P.O. Box 1430, Juana Diaz, Puerto Rico

A6. Contact person in emergency

Name Stephen Brown

Title Environmental Coordinator

Day Telephone 837-2500

Night Telephone 789-1235

Unidad 789-1894

A7. Waste Water Discharge Permit

Yes XX No XX

If yes:

Permit No. _____

Date Issued _____

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PRETREATMENT PROGRAM
INDUSTRIAL SURVEY QUESTIONNAIRE

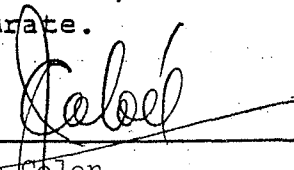
SECTION A (Cont.)

GENERAL INFORMATION

INDUSTRY NAME

Authorized Company Officer Signature:

The information contained in this questionnaire, to the best of my knowledge is true, complete and accurate.

Date May 29, 1990Signature 

Juan Colon

Manager - Mtg. Tech. Dept.

FOR PRASA USE ONLY

Date Received _____

Industry Discharges to _____

1. Questionnaire Complete: _____

Questionnaire Incomplete: _____

Telephone Call Required: _____ Visit Required _____

2. Comments: _____

Reviewed by _____ Date _____

Approved by _____ Date _____

PUERTO RICO AQUEDUCT AND
SEWER AUTHORITY
PRETREATMENT PROGRAM
INDUSTRIAL SURVEY QUESTIONNAIRE

SECTION B
PRODUCT SERVICE INFORMATION
INDUSTRY NAME

SECTION B: PRODUCT SERVICE INFORMATION

- B1. Industrial Classification: Check the attached list of industries. Select and write the number and industry that fits more closely to yours. Write as "Other" and describe if none of them match with it. The industry may have more than one product and classification.

8 - Electric & Electronic Components

- B2. Principal products and services, average and maximum daily production rates, Standard Industry Classification (SIC) number and % of total production of the Company Clearly spell out the unit of production.

PRODUCT	PRODUCTION		SIC	PERCENT TOTAL PRODUCTION	
	AVERAGE	MAXIMUM		AVERAGE	MAXIMUM
Receptacles	3060	20,000	36	10.85%	34.48%
Switches	6766	8,000	36	24.00%	15.38%
Relays	3051	4,000	36	10.82%	7.69%
Misc.	15314	20,000	36	54.32%	34.48%

- B3. Process description- Include a detailed description of all process (es) from raw material (s) to final product (s) including chemical reactions, clearly identifying all the wastewaters generated. Include diagrams as necessary describing the major unit operations used an example is enclosed for your information.

Please refer to page 3a for detailed Description of process.

Note: B3 Continues on page 3a

SECTION BB3. Cont.

1. Molding - Molded parts are manufactured using two molding processes: injection (thermoplastic materials) and Compression (thermoset materials). No wastewater are generated in this process.
RAW MATERIALS USED: Melamine, Polypropylene, Nylon, Urea, Valox, PVC

2. Metal Stamping - All metal parts, i.e., brackets, contacts, terminals, etc., are made using metals that come in roll, and presses of different sizes. No wastewater are generated in this process.

RAW MATERIALS USED: Brass, Cold Rolled Steel, Bronze, Copper.

3. Electroplating - Most metal parts are coated for protection or identification using one or more of the following electroplating processes: zinc, nickel, tin, and copper. Wastewater are generated in this process from rinse.

RAW MATERIALS USED: See page 4a for list of substances.

4. Assembly. All metals and plastic components are assembled into a final final products. No wastewater are generated in this process.

SECTION B: WASTEWATER INFORMATION

If your facility employs processes in any of the 34 industrial categories or business activities listed below and any of these processes generate wastewater or wastesludge, place a check beside the category or business activity (check all that apply).

Industrial Classification:

1. () Adhesives
2. () Aluminum Forming
3. () Auto & Other Laundries
4. () Battery Manufacturing
5. () Coal Mining
6. () Coil Coating
7. () Copper Forming
8. (X) Electric & Electronic Components
9. () Electroplating
10. () Explosives Manufacturing
11. () Foundries
12. () Gum & Wood Chemicals
13. () Inorganic Chemicals
14. () Iron & Steel
15. () Leather Tanning & Finishing
16. () Mechanical Products
17. () Nonferrous Metals
18. () Ore Mining
19. () Organic Chemicals
20. () Paint & Ink
21. () Pesticides
22. () Petroleum Refining
23. () Pharmaceuticals
24. () Photographic Supplies
25. () Plastic & Synthetic Materials
26. () Plastics Processing
27. () Porcelain Enamel
28. () Printing & Publishing
29. () Pulp & Paper
30. () Rubber
31. () Soaps & Detergents
32. () Steam Electric
33. () Textile Mills
34. () Timber

B. Other Business Activity

- () Dairy Products
- () Slaughter/Meat Packing/Rendering
- () Food/Edible Products Processor
- () Beverage Bottler
- () Other: List _____
- _____
- _____
- _____

PUERTO RICO AQUEDUCT AND
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INDUSTRIAL SURVEY QUESTIONNAIRE

SECTION B (Cont.)
PRODUCT SERVICE INFORMATION
INDUSTRY NAME

- B4. Plans to introduce changes which may alter production and waste water generation by \pm 25% within next 12 months.

Yes X No

If Yes: % 64% Date April 27, 1990

- B5. Changes that may alter the chemistry of prevailing process and quality of waste water within the next 12 months.

Yes No X

If Yes, briefly describe new process and or chemicals and those to be replaced. See instructions:

- B6. Substances which may be discharged into sewer, common and technical names, physical and chemical properties:

NAME (COMMON/TECHNICAL)	PHYSICAL-CHEMICAL PROPERTIES
See page 4a for list of substances	

CARIBE GENERAL ELECTRIC PRODUCTS, INC.
JUANA DIAZ PLANT

5/29/90

SECTION B

B 6

LIST OF HAZARDOUS MATERIALS

* TRADE NAME	* USED ON	* MSDS	*
* EKOLASID 355 MAKE UP	* PLATING	* EKO-5	*
* EKOLASID 356	* PLATING	* EKO-6	*
* MAGNUS BRIGHT DIP S	* PLATING	* JD-9	*
* ALKALOX 89	* PLATING	* ALKA	*
* METEX NICKEL BRIGHTENER #30	* PLATING	* 18130	*
* METEX NICKEL BRIGHTENER #14	* PLATING	* 18114	*
* METEX NICKEL BRIGHTENER #33	* PLATING	* 18133	*
* QUATRASID	* PLATING	* QUAT	*
* MACRO POLISH 5F	* PLATING	* 18652	*
* SODIUM HYDROXIDE	* PLATING	* 3	*
* BORIC ACID	* PLATING	* 4	*
* SULFURIC ACID	* PLATING	* 9	*
* STANNOUS SULFATE	* PLATING	* 14	*
* HYDROCHLORIC ACID	* PLATING	* 30-A	*
* NICKEL SULFATE	* PLATING	* WD200	*
* ZINC BALL ANODES	* PLATING	* WD202	*
* POTASSIUM CHLORIDE	* PLATING	* KCL	*
* ACTIVATED CHARCOAL	* PLATING	* CARB	*
* NICKEL PURIFIER	* PLATING	* 18190	*
* PICTAX	* PLATING	* PTAX	*
* SODIUM METABISULFITE	* PLATING	* WD209	*
* TIN ANODE	* PLATING	* TB-1	*
* NICKEL ANODE	* PLATING	* NIK	*
* COPPER ANODE	* PLATING	* COAN	*
* PROTECTIVE OIL	* PLATING	* OSPD	*
* Z-242	* PLATING	* EBZ-242	*
* MACRO COLOR 153	* PLATING	* 18673	*
* KENVERT NO. 170-S	* PLATING	* 10619	*
* ZINC CHLORIDE	* PLATING	* ZNCL	*
* HYDROGEN PEROXIDE	* PLATING	* HYPER	*
* WETTING AGENT # 12-A	* PLATING	* 18112	*
* CONTACT TIN #1	* PLATING	* 13301	*
* CONTACT TIN #2	* PLATING	* 13302	*
* ROTO-BRITE XL-309	* PLATING	* XL-309	*
* ROTO-BRITE L-326	* PLATING	* L-326	*
* SODIUM CHLORIDE	* PLATING	* NaCL	*
* ALUMINUM SULFATE	* PLATING	* ALUM	*
* MAGNUS SPRAY NO. 205	* RANSOHOFF	* 916387	*
* MAGNUS MAGNU DRAW 10	* PRESSES	* JD-6	*
* MAGNUS DO-5	* PRESSES	* JD-7	*
* VANISHING OIL	* PRESSES	* VANISH	*
* MOBIL DTE 26	* MOLDING	* 602649	*

PUERTO RICO AQUEDUCT AND
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INDUSTRIAL SURVEY QUESTIONNAIRE

SECTION B (Cont.)
PRODUCT SERVICE INFORMATION
INDUSTRY NAME

- B7. Hazardous materials, corrosive, explosive, flammable, toxic materials handle in the plant; give the technical and common name (s) and the hazard or danger involved:

PLEASE REFER TO PAGES NUMBERED 5a and 5b FOR A COMPLETE
LISTING BY AREAS:

L I S T O F H A Z A R D O U S M A T E R I A L S

* TRADE NAME	* USED ON	* MSDS	*
* MAGNUS MAGNU DRAW 10	* PRESSES	* JD-6	*
* MAGNUS DO-5	* PRESSES	* JD-7	*
* VANISHING OIL	* PRESSES	* VANISH	*
* GREASE EP NO. 1	* PRESSES	* G-1	*
* GREASE EP NO. 0	* PRESSES	* G-0	*
* PRINTING INK	* CENTRAL PACK	* INK	*
* CA-6 SPRAY ADHESIVE	* CENTRAL PACK	* CA-6	*
* WD-40	* ASSEMBLY	* 1030	*
* RTV SILICONE RUBBER SEALANT	* ASSEMBLY	* 108	*
* MOBIL DTE 26	* MOLDING	* 602649	*
* CLEAN COAT MOLD PROTECTOR	* MOLDING	* G-316	*
* DELVAC 1220	* COMPRESSORS	* 440669	*
* PROPANE	* TOOL ROOM	* LPG	*
* ARGON	* TOOL ROOM	* ARGON	*
* OXYGEN	* TOOL ROOM	* OXIGEN	*
* ACETYLENE	* TOOL ROOM	* ACETYLENE	*
* SAFETY KLEEN 105 SOLVENT-MS	* TOOL ROOM	* 105-MS	*
* OAKITE FORMULA 59	* BODINES	* OF-59	*
* MAGNUS SPRAY NO. 205	* RANSOHOFF	* 916387	*
* EKOLASID 355 MAKE UP	* PLATING	* EKO-5	*
* EKOLASID 356	* PLATING	* EKO-6	*
* MAGNUS BRIGTH DIP S	* PLATING	* JD-9	*
* ALKALOX 89	* PLATING	* ALKA	*
* METEX NICKEL BRIGHTENER #30	* PLATING	* 18130	*
* METEX NICKEL BRIGHTENER #14	* PLATING	* 18114	*
* METEX NICKEL BRIGHTENER #33	* PLATING	* 18133	*
* QUATRASID	* PLATING	* QUAT	*
* MACRO POLISH 5F	* PLATING	* 18652	*
* SODIUM HYDROXIDE	* PLATING	* 3	*
* BORIC ACID	* PLATING	* 4	*
* SULFURIC ACID	* PLATING	* 9	*
* STANNOUS SULFATE	* PLATING	* 14	*
* HYDROCHLORIC ACID	* PLATING	* 30-A	*
* NICKEL SULFATE	* PLATING	* WD200	*
* ZINC BALL ANODES	* PLATING	* WD202	*
* POTASSIUM CHLORIDE	* PLATING	* KCL	*
* ACTIVATED CHARCOAL	* PLATING	* CARB	*
* NICKEL PURIFIER	* PLATING	* 18190	*
* SODIUM METABISULFITE	* PLATING	* WD209	*
* TIN ANODE	* PLATING	* TB-1	*
* NICKEL ANODE	* PLATING	* NIK	*
* COPPER ANODE	* PLATING	* COAN	*
* PROTECTIVE OIL	* PLATING	* OSPD	*
* Z-242	* PLATING	* EBZ-242	*

000015

L I S T O F H A Z A R D O U S M A T E R I A L S

* MACRO COLOR 153	* PLATING	* 18673	*
* KENVERT NO. 170-S	* PLATING	* 10619	*
* ZINC CHLORIDE	* PLATING	* ZNCL	*
* HYDROGEN PEROXIDE	* PLATING	* HYPER	*
* WETTING AGENT # 12-A	* PLATING	* 18112	*
* ROTO-BRITE XL-309	* PLATING	* XL-309	*
* ROTO-BRITE L-326	* PLATING	* L-326	*
* SODIUM CHLORIDE	* PLATING	* NaCL	*
* ALUMINUM SULFATE	* PLATING	* ALUM	*
* CONTAX II	* MAINTENANCE	* CONTX	*
* XUPER 18 XFC	* MAINTENANCE	* BE15	*
* XUPER 1020XFC	* MAINTENANCE	* B012	*
* DYLEK AEROSOL	* MAINTENANCE	* DYLEK	*
* MR TRIPLE ZERO	* MAINTENANCE	* 3576	*
* ZIP-ZORB	* MAINTENANCE	* WD3036	*
* KEROSENE	* MAINTENANCE	* KER-01	*
* SURE GRIP	* MAINTENANCE	* SG	*
* ACETYLENE	* MAINTENANCE	* ACETY	*
* OXYGEN	* MAINTENANCE	* OXYGEN	*
* ARGON	* MAINTENANCE	* ARGON	*

PUERTO RICO AQUEDUCT AND
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PRETREATMENT PROGRAM
INDUSTRIAL SURVEY QUESTIONNAIRE

SECTION C
FACILITY OPERATION

INDUSTRY NAME

SECTION C: FACILITY OPERATION

C1. Operational Status:

In operation XXX Closed

C2. Operational Mode:

Shift - From 7:30 AM To 4:30 PM, To 12:30 AM To 7:30 AM

Batch: Number of batches per working hours

Batches per hrs.

C3. Variations in Operation:

a. Continuous throughout the year (check) XX

b. Seasonal: Circle production months and underline peak production months:

J F M A M J J A *S O N D

c. Continuous throughout the week (check) XX

d. Or circle production days during the week and underline maximum production days:

S M T W T F S

Scheduled shut down periods: during the year:

PLEASE REFER TO PAGE 6a FOR DETAILED INFORMATION

From To

Reason: FOR VACATION AND MAINTENANCES

SECTION CC3.d

Scheduled Shut-downs

1990

May 29 to June 8

July 2 - 6

July 23 - Ago. 3

Dicember 24 - 31

PUERTO RICO AQUEDUCT AND
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PRETREATMENT PROGRAM
INDUSTRIAL SURVEY QUESTIONNAIRE

SECTION C
FACILITY OPERATION

INDUSTRY NAME

C4. Wastewater Discharge Periods:

a. Wastewater discharge daily: From N/A To

b. Days of the week that discharge take place.
Circle the days and underline maximum discharge days:

N/A S M T W T F S

c. Clean up discharge periods:

1. Daily: From N/A To

Circle days of the week that clean ups take place:

N/A S M T W T F S

2. Month (s) of the year that clean ups take place

Month/Week

Month/Week

Note: Please refer to page 7a for detailed explanation

APPENDIX

C-5A PERSONNEL DISTRIBUTION TABLE

Shift Hours	I	II	III	TOTAL
	7:30 AM to 4:30 PM	4:30 PM to 12:30 AM	12:30 AM to 7:30 AM	
Maintenance	109	14	4	127
Administration	43	2	---	45
Office	18	---	---	18

Grand Total 190

PUERTO RICO AQUEDUCT AND
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PRETREATMENT PROGRAM
INDUSTRIAL SURVEY QUESTIONNAIRE

SECTION D
WATER USAGE AND DISPOSAL
INDUSTRY NAME

SECTION D: WATER USAGE AND DISPOSAL

- D1. Describe briefly each operation that generates waste water at the facility. Include cycles, process, clean ups. State quantities either measured or estimated.

1. Electroplating Process. Electroplating of metal parts.
Estimated quantity of 10,000 gallons per day

- D2. Sewer systems available within plant premises - see instructions, check:

Domestic (☒) Process (☒) Oily () Storm (☒)

- D3. Water supply sources. State if quantities are estimated or measured.

<u>Source</u>	<u>Monthly Average</u>	<u>Daily Maximum</u>
P.R. Aqueduct	<u>472,741 gal/mo.</u>	<u>15454 gals.</u>
Private Well	_____	_____
River-	_____	_____
Sea Water	_____	_____
Other	_____	_____

- D4. Water treatment given to each of the water sources - see instructions:

N/A

PUERTO RICO AQUEDUCT AND
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PRETREATMENT PROGRAM
INDUSTRIAL SURVEY QUESTIONNAIRE

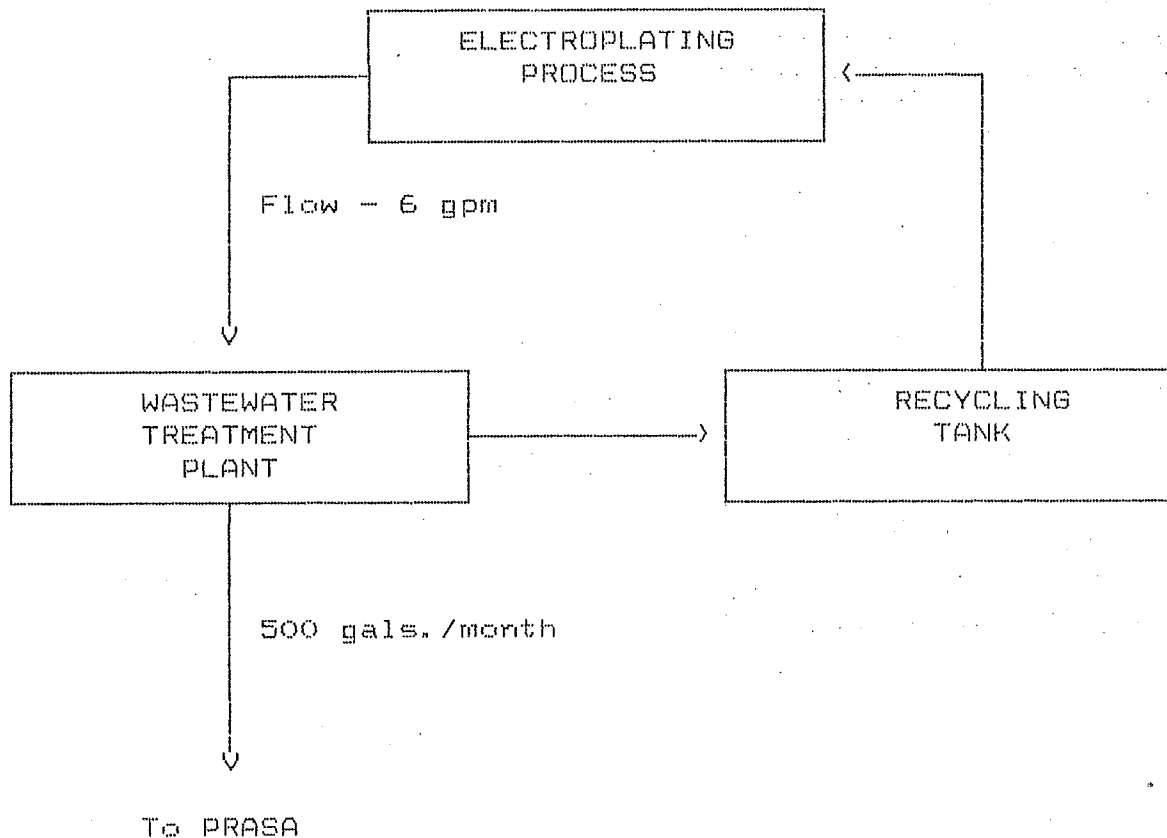
SECTION D (Cont.)
WATER USAGE AND DISPOSAL

INDUSTRY NAME

D5. Water usage and quantity for the various needs, source refer to D-3.

<u>Usage</u>	<u>Source</u>	<u>Monthly Average</u>	<u>Daily Maximum</u>
Domestic	_____	47,556 gals.	2113.6 gals.
Process	_____	225,000 gals.	10000.00 gals.
Cooling	_____	77,139 gals.	3428.00 gals.
Boiler	_____	_____	_____
Plant	_____	_____	_____
Fire	_____	_____	_____
Other (Specify)	_____	_____	_____

D6. Describe any utilization of water recycle process; provide a process flow diagram of the plants involved in the re-cycle including waste water with line sizes, process and water quantities, waste water source, injections points, drains, and sewer where water is drained.

CARIBE GENERAL ELECTRIC PRODUCTS, INC.
JUANA DIAZ PLANTWastewater Recycling Process


The used process waters from the Electroplating Operation are treated in the Wastewater Treatment Plant. The resulting treated waters are transferred into a holding tank to be used again in the Electroplating Operation. Once per month we are discharging an estimated 500 gallons into PRASA to lower the water levels and replenish with fresh water.

Chromium
Rinse

SLUDGE COLLECTION:
200 GALLONS
36" x 51"

AIR & WATER
1 1/2" SERVICE

1018



WILDEN M-4
AIR OPERATED
PUMP

METABISULFITE
100 GALLONS
38" x 41"

FLOCCULATION -- CLARIFIER

FLOC TANK
200 GALLONS
36" x 51"
WITH MIXER

WILDEN M-4
AIR OPERATED
PUMP

MODEL NO. SP-SS-23

גורמים

SHIP LADDER

POLYMER PREP
1100 GALLONS
28' x 44"
WITH MIXER

FILTER PRESS
MODEL 470

6A-0" LG. x 29" WDE
EXPANDABLE TO 3 CUBIC FEET

NEUTRALIZATION
200 GALLONS
36" x 51"
WITH MIXER
AND STAND

PRE-TREATMENT
200 GALLONS
36" x 51"
WITH MIXER
AND STAND

CHROME REACTOR
200 GALLONS
36" x 51"
WITH MIXER
AND STAND

NEW Waste Water TREATMENT Plant

ALUMINUM SULFATE
100 GALLONS
28" x 44"
WITH MIXER

CALCIUM CHLORIDE 28X 44" with m
100 GALLONS

PRASA

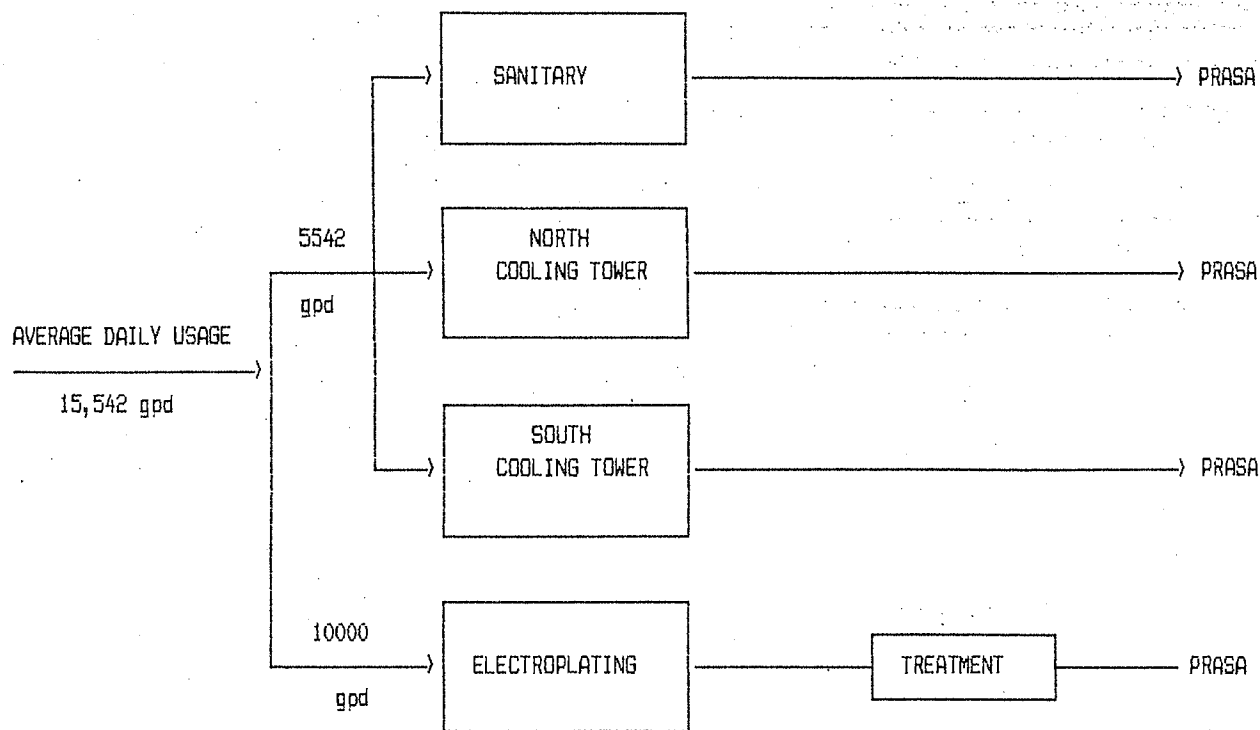
ARIBE001712

D7. Waste-water generated that discharges into the sewer system; or other disposal sites from the various sources.

<u>From (Generation)</u>	<u>Monthly Average</u>	<u>Daily Maximum</u>	<u>Point Discharge</u>
Domestic	<u>47,556 gals.</u>	<u>2113 gals.</u>	<u>SEWER PRASA</u>
Process	<u></u>	<u></u>	<u></u>
Tower Blowdown	<u></u>	<u></u>	<u></u>
Boiler Blowdown	<u></u>	<u></u>	<u></u>
Plant	<u></u>	<u></u>	<u></u>
Cooling	<u>77,139 gals.</u>	<u>3428 gals.</u>	<u>SEWER PRASA</u>
Fire	<u></u>	<u></u>	<u></u>
Drains:			
a) columns	<u></u>	<u></u>	<u></u>
b) tanks	<u></u>	<u></u>	<u></u>
c) lines	<u></u>	<u></u>	<u></u>
d) other	<u></u>	<u></u>	<u></u>
Rain	<u></u>	<u></u>	<u></u>

D8. Waste-water pretreatment: Describe pretreatment facilities to waste water before discharging into PRASA facilities. Include flow diagrams, efficiency, and or inlet and outlet of pretreatment facility analysis.

PLEASE REFER TO PAGE 10a FOR DETAILED DESCRIPTION OF PRE TREATMENT FACILITIES:

WATER BALANCE

Average Daily Usage = Annual Usage/365 = 21472cm/365 = 58.83 cm/dia

1. Average Daily Usage 58.83 cm X 264.2 gals/cm = 15,542 gals.

2. Electroplating Usage 37.85 cm x 264.2 gals/cm = 10,000 gals.

3. Sanitary Usage →

20.97

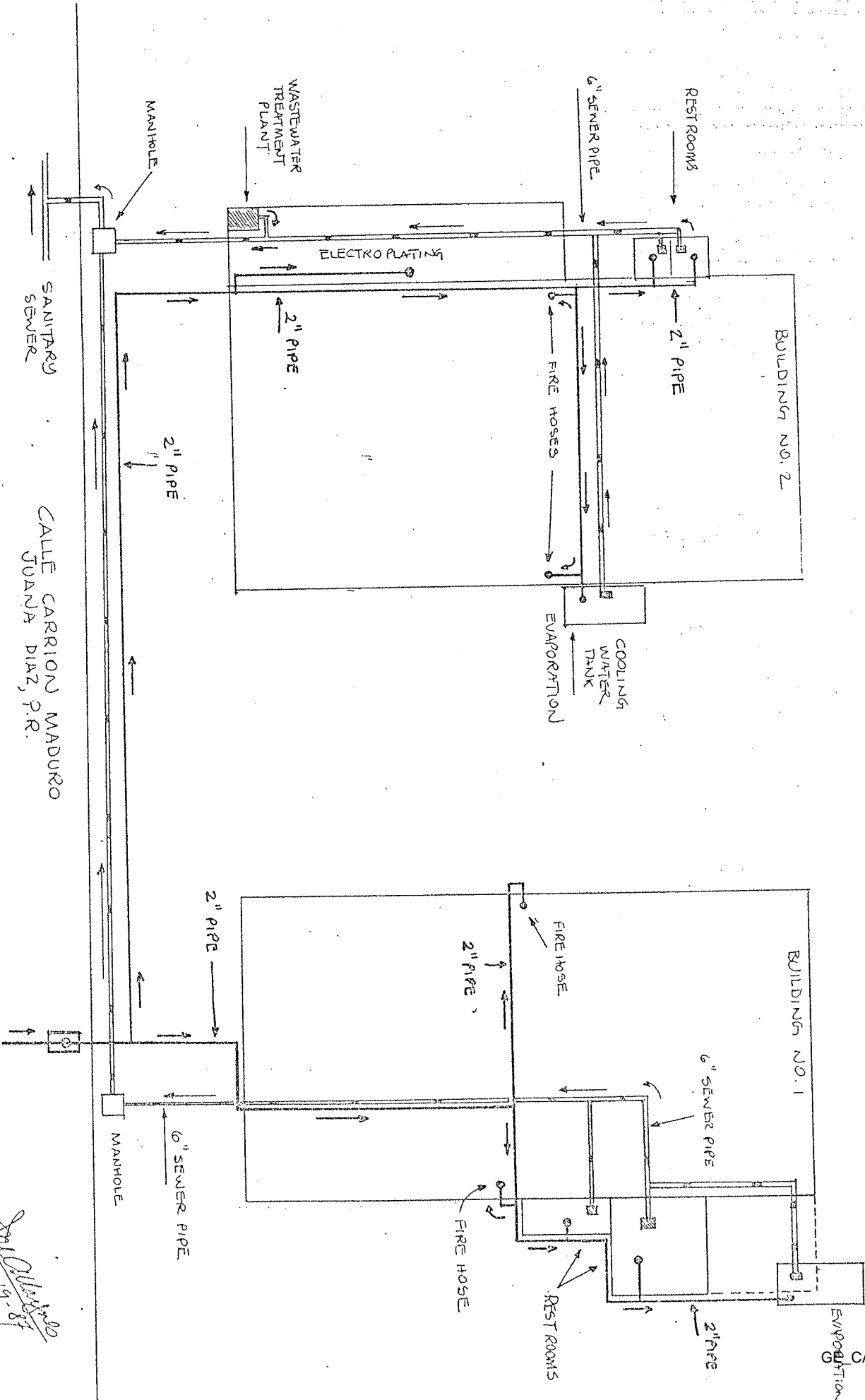
4. North Cooling Tower → cm x 264.2 gals/cm = 5,542 gals.

5. South Cooling Tower →

PRASA - INDUSTRIAL SURVEY QUESTIONNAIRE
SECTION D - D10

DATE
GENERAL SURVEY REPORT, NO.
NO. 10000
P.O. BOX 1
SAN JUAN, P.R. 00903

GC CARIBE001715



CALLE CARRION MADURO
JUAN DIAZ, P.R.

[Signature]
5-19-87

PUERTO RICO AQUEDUCT AND
SEWER AUTHORITY
PRETREATMENT PROGRAM
INDUSTRIAL SURVEY QUESTIONNAIRE

SECTION D (Cont.)
WATER USAGE AND DISPOSAL

INDUSTRY NAME

D9. Describe other non conventional means to dispose of waste water: volume, means, discharge point, hauler name and address, discharge permit number and typical analysis of waste water:

- a. Wastewater source N/A
- b. Rate of volume generated _____
- c. Transportation means, rate of dumps and procedure _____
- d. Hauler name address _____
- e. Discharge site _____
- f. Wastewater analysis _____
- g. Discharge Permit No. _____ Date permit issued _____
- h. Briefly explain the reason to dispose of this water by trucking _____

D10. Diagramatic water balance: Provide a diagramatic water balance from inlet flow to plant premises to discharge into PRASA facilities. Make a material balance of the water around each piece of equipment showing inlet volumes, outlet volumes, evaporation losses, process usage, drains.

Indicate water source, line size and flows, flow measuring facilities drain sizes, type of receiving sewers and sewer discharge sites. Include in the diagram pre-treatment facilities.

Please refer to page 11a for diagram

PUERTO RICO AQUEDUCT AND
SEWER AUTHORITY
PRETREATMENT PROGRAM
INDUSTRIAL SURVEY QUESTIONNAIRE

SECTION E
SLUDGE GENERATION AND DISPOSAL

SECTION E: SLUDGE GENERATION AND DISPOSAL

- E1. Describe type of sludge: where, how is generated, chemical reactions involved, physical methods of separation, etc.

The sludge generated consists of metal hydroxide formed from the chemical reaction of the different metals, as they come from the plating tanks, and NaOH Caustic Soda.

- E2. Rate of volume or weight 1000 lbs./month
- E3. Transportation procedure and means From Filter Press to Polyethylene Bag.
- E4. Containers: bags XXX, drums , dump trucks , other .
- E5. Hauler's Name Juan E. Hernandez Inc. (WRC World Resources Company) Recycling Facility
- Hauler Address 8113 West Sherman, Phoenix, AZ 85043
- E6. Sludge disposal: shipped XX, incineration , dumped and location .
- E7. Provide sludge characterization, complete analysis.
- E8. Provide a bill of lading or official document of last two sludge shipments or transportation records.

ENVIROLABS INC.

INDUSTRIAL AND ENVIRONMENTAL LABORATORIES

January 29, 1990

Caribe General Electric, Inc.
P.O. Box AE
Juana Díaz, Puerto Rico 00665

Attn.: Mr. Stephen Brown

Dear Mr. Brown:

The report enclosed contains the results of analyses performed to determine the hazardous characteristics of the sample submitted.

The analyses were performed following the Environmental Protection Agency guidelines for characterization of Hazardous Wastes.

Please review the report and call us if any further information is needed.

Cordially yours,


Iris M. Chévere

rgo

Enclosures

ANALYSIS REPORT

SAMPLE IDENTIFICATION:

Sample from Caribe General Electric Products, Inc.
December 22, 1989
Identified as **Electroplating Sludge**
Envirolabs No. 32-521

HAZARDOUS CHARACTERISTICS

IGNITABILITY:

Hazardous Wastes Number D 0C1

Sample **does not** exhibit the characteristics of ignitability according to the U.S. Environmental Protection Agency, Manual SW 846, "Test Methods for Evaluating Solid Wastes."

Flash Point, PMCC Not ignitable

CORROSIVITY:

Hazardous Wastes Number D 0C2

Sample **does not** exhibit the characteristics of corrosivity according to the U.S. Environmental Protection Agency, Manual SW 846, "Test Methods for Evaluating Solid Wastes."

pH 7.8 S.U. @ 25°C

REACTIVITY:

Hazardous Wastes Number D 0C3

Sample **does not** exhibit the characteristics of reactivity according to the U.S. Environmental Protection Agency, Manual SW 846, "Test Methods for Evaluating Solid Wastes."

Sulfide < 10 PPM
Cyanide < 10 PPM

ANALYSIS REPORT

SAMPLE IDENTIFICATION:

Sample from Caribe General Electric Products, Inc.
 Identified as **Electroplating Sludge**
 December 22, 1989
 Envirolabs No. 32-521

E.P.A. HAZARDOUS

MAXIMUM CONTAMINANT

WASTE NUMBERE.P. TOXICITY METALS IN SAMPLELEVEL ALLOWED

D 004	.....	Arsenic, As	.....	< 0.2 mg/l	.....	5.0 mg/l
D 005	.....	Barium, Ba	.....	< 1.0 mg/l	.....	100.0 mg/l
D 006	.....	Cadmium, Cd	.....	< 0.1 mg/l	.....	1.0 mg/l
D 007	.....	Chromium, Cr	.....	7.4 mg/l	.....	5.0 mg/l
D 008	.....	Lead, Pb	.....	< 0.1 mg/l	.....	5.0 mg/l
D 009	.....	Mercury, Hg	.....	< 0.1 mg/l	.....	0.2 mg/l
D 010	.....	Selenium, Se	.....	< 0.2 mg/l	.....	1.0 mg/l
D 011	.....	Silver, Ag	.....	< 0.1 mg/l	.....	5.0 mg/l

Sample **--does--** exhibit the characteristics of E.P. Toxicity (Metals) according to the U.S. Environmental Protection Agency, Manual SW 846, Test Methods for Evaluating Solid Wastes.

PUERTO RICO AQUEDUCT AND
SEWER AUTHORITY
PRETREATMENT PROGRAM
INDUSTRIAL SURVEY QUESTIONNAIRE

SECTION F
SPILL PREVENTION FACILITIES

INDUSTRY NAME

SECTION F: SPILL PREVENTION FACILITIES

- F1. a. Location of facilities Plating
-
- b. Type of facilities and materials intended to confine
Containment around process tanks - Process Wastewater
- c. Pretreatment given to spills Same as process water
-
- d. Disposition or discharge point of discarded liquid
including rain water Passed through the process water
Pre-Treatment Plant
-

SECTION G: PRIORITY POLLUTANT INFORMATION

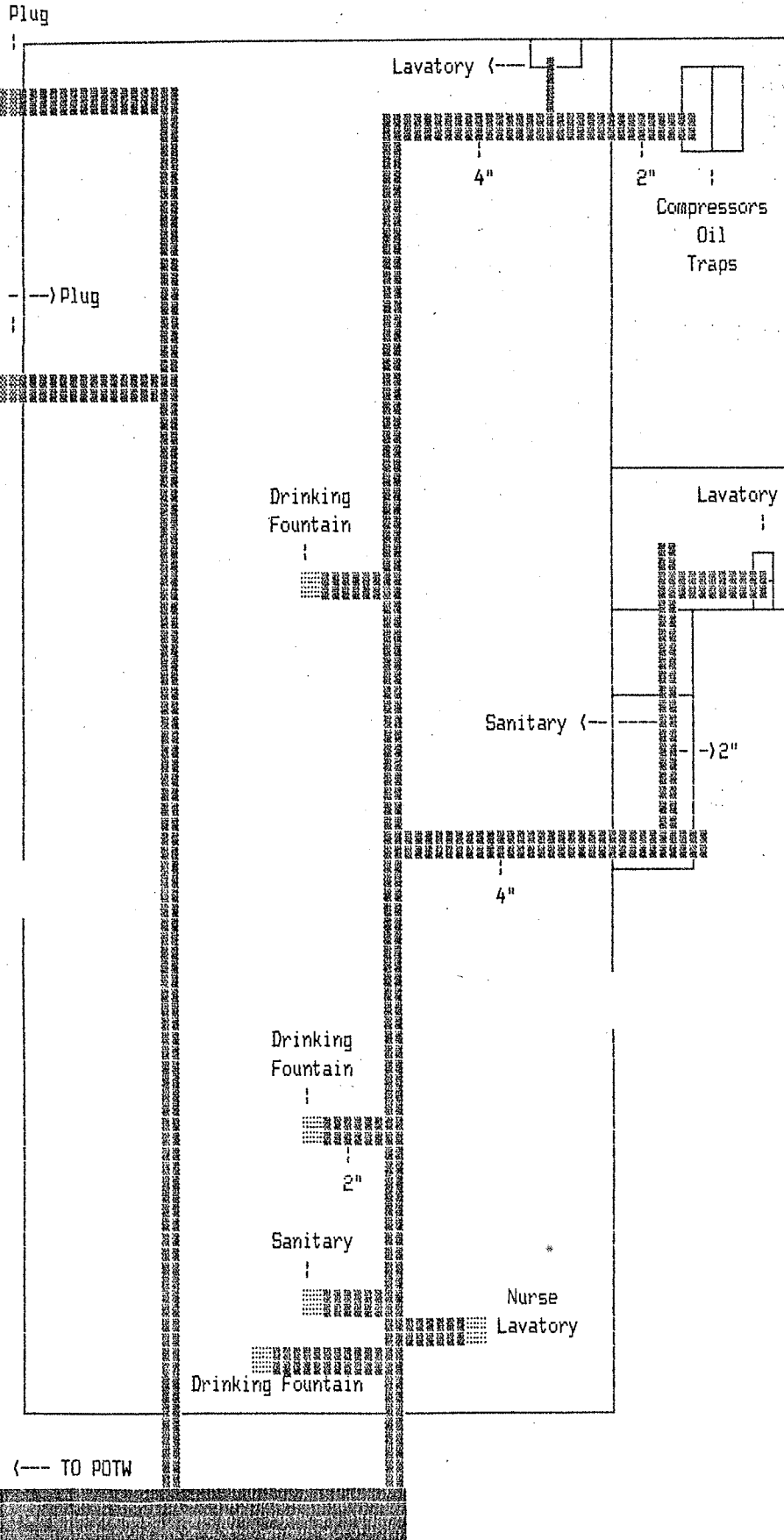
Priority Pollutant Information: Please indicate by placing an "x" in the appropriate box by each listed chemical whether it is "Suspected to be Absent," "Known to be Absent," "Suspected to be Present," or "Known to be Present" in your manufacturing or service activity or generated as a by-product.

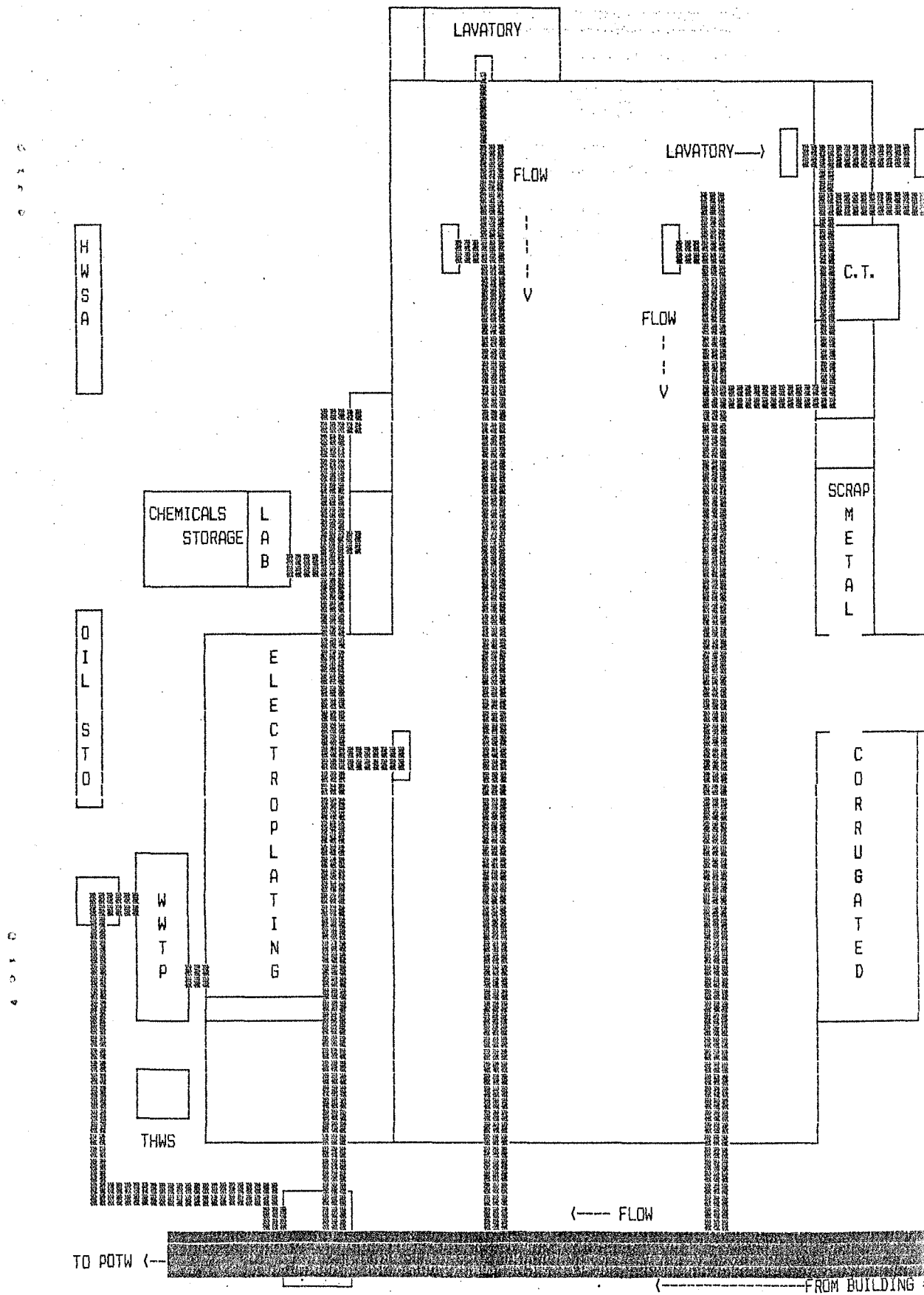
CHEMICAL COMPOUND	Known Present	Suspected Present	Known Absent	Suspected Absent	Known or Suspected Concentration/day	CHEMICAL COMPOUND	Known Present	Suspected Present	Known Absent	Suspected Absent	Known or Suspected Concentration/day
I. METALS & INORGANICS						IV. PCBs & RELATED COMPOUNDS					
1. Antimony			<input checked="" type="checkbox"/>			32. Benzene, 1,2,4-trichloro			<input checked="" type="checkbox"/>		
2. Arsenic			<input checked="" type="checkbox"/>			33. Benzene, hexachloro			<input checked="" type="checkbox"/>		
3. Asbestos			<input checked="" type="checkbox"/>			34. Benzene, ethyl			<input checked="" type="checkbox"/>		
4. Beryllium			<input checked="" type="checkbox"/>			35. Benzene, nitro			<input checked="" type="checkbox"/>		
5. Cadmium			<input checked="" type="checkbox"/>			36. Toluene			<input checked="" type="checkbox"/>		
6. Chromium	<input checked="" type="checkbox"/>					37. Toluene, 2,4-dinitro			<input checked="" type="checkbox"/>		
7. Copper	<input checked="" type="checkbox"/>					38. Toluene, 2,6-dinitro			<input checked="" type="checkbox"/>		
8. Cyanide			<input checked="" type="checkbox"/>								
9. Lead			<input checked="" type="checkbox"/>			IV. PCBs & RELATED COMPOUNDS					
10. Mercury			<input checked="" type="checkbox"/>			39. PCB-1016			<input checked="" type="checkbox"/>		
11. Nickel	<input checked="" type="checkbox"/>					40. PCB-1221			<input checked="" type="checkbox"/>		
12. Selenium			<input checked="" type="checkbox"/>			41. PCB-1232			<input checked="" type="checkbox"/>		
13. Silver			<input checked="" type="checkbox"/>			42. PCB-1242			<input checked="" type="checkbox"/>		
14. Thallium			<input checked="" type="checkbox"/>			43. PCB-1248			<input checked="" type="checkbox"/>		
15. Zinc	<input checked="" type="checkbox"/>					44. PCB-1254			<input checked="" type="checkbox"/>		
II. PHENOLS AND CRESOLS						45. PCB-1260			<input checked="" type="checkbox"/>		
16. Phenol(s)			<input checked="" type="checkbox"/>			46. 2-Chloronaphthalene			<input checked="" type="checkbox"/>		
17. Phenol, 2-chloro			<input checked="" type="checkbox"/>			V. ETHERS					
18. Phenol, 2,4-dichloro			<input checked="" type="checkbox"/>			47. Ether, bis(chloromethyl)			<input checked="" type="checkbox"/>		
19. Phenol, 2,4,6-trichloro			<input checked="" type="checkbox"/>			48. Ether, bis(2-chloroethyl)			<input checked="" type="checkbox"/>		
20. Phenol, pentachloro			<input checked="" type="checkbox"/>			49. Ether, bis(2-chloroisopropyl)			<input checked="" type="checkbox"/>		
21. Phenol, 2-nitro			<input checked="" type="checkbox"/>			50. Ether, 2-chloroethyl vinyl			<input checked="" type="checkbox"/>		
22. Phenol, 4-nitro			<input checked="" type="checkbox"/>			51. Ether, 4-bromophenyl phenyl			<input checked="" type="checkbox"/>		
23. Phenol, 2,4-dinitro			<input checked="" type="checkbox"/>			52. Ether, 4-chlorophenyl phenyl			<input checked="" type="checkbox"/>		
24. Phenol, 2,4-dimethyl			<input checked="" type="checkbox"/>			53. Bis(2-chloroethoxy) methane			<input checked="" type="checkbox"/>		
25. m-Cresol, p-chloro			<input checked="" type="checkbox"/>			VI. NITROSAMINES AND OTHER NITROGEN-CONTAINING COMPOUNDS					
26. o-Cresol, 4,6-dinitro			<input checked="" type="checkbox"/>			54. Nitrosamine, dimethyl			<input checked="" type="checkbox"/>		
III. MONOCYCLIC AROMATICS (EXCLUDING PHENOLS, CRESOLS AND PHTHALATES)						55. Nitrosamine, diphenyl			<input checked="" type="checkbox"/>		
27. Benzene						56. Nitrosamine, di-n-propyl			<input checked="" type="checkbox"/>		
28. Benzene, chloro						57. Benzidine			<input checked="" type="checkbox"/>		
29. Benzene, 1,2-dichloro						58. Benzidine, 3,3'-dichloro			<input checked="" type="checkbox"/>		
30. Benzene, 1,3-dichloro						59. Hydrazine, 1,2-diphenyl			<input checked="" type="checkbox"/>		
31. Benzene, 1,4-dichloro						60. Acrylonitrile			<input checked="" type="checkbox"/>		

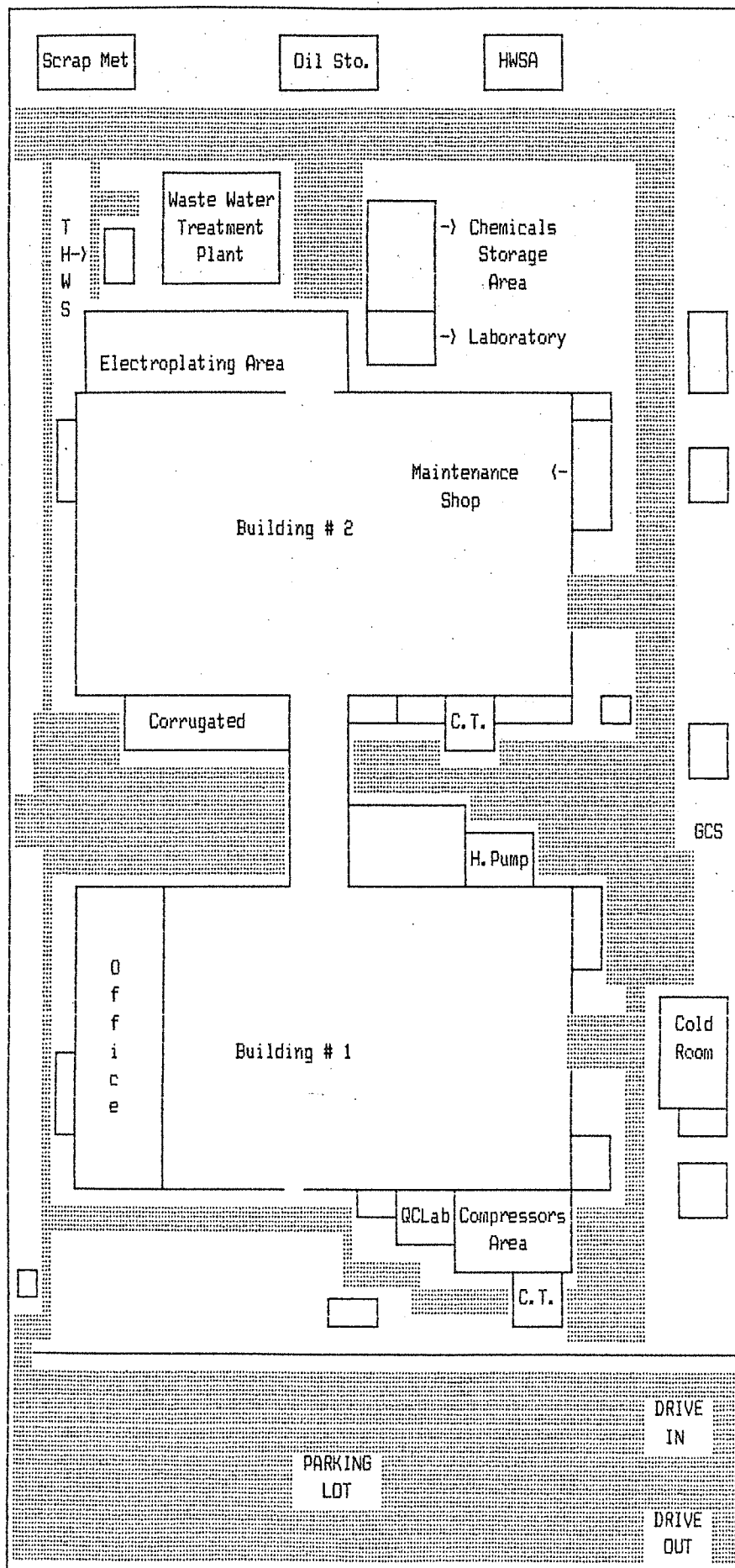
CHEMICAL COMPOUND	Known Present	Suspected Present	Known Absent	Suspected Absent	Known or Suspected Concentration/day	CHEMICAL COMPOUND	Known Present	Suspected Present	Known Absent	Suspected Absent	Known or Suspected Concentration/day
VII. HALOGENATED ALIPHATICS						95. Benzo (a) anthracene			X		
61. Methane, bromo-			X			96. Benzo (b) fluoranthene			X		
62. Methane, chloro-			X			97. Benzo (k) fluoranthene			X		
63. Methane, dichloro			X			98. Benzo (ghi) perylene			X		
64. Methane, chlorodibromo			X			99. Benzo (a) pyrene			X		
65. Methane, dichlorobromo			X			100. Chrysene			X		
66. Methane, tribromo			X			101. Dibenzo (a,n) anthracene			X		
67. Methane, trichloro			X			102. Fluoranthene			X		
68. Methane, tetrachloro			X			103. Fluorene			X		
69. Methane, trichlorofluoro			X			104. Indeno (1,2,3-cd) pyrene			X		
70. Methane, dichlorodifluoro			X			105. Naphthalene			X		
71. Ethane, 1,1-dichloro			X			106. Phenanthrene			X		
72. Ethane, 1,2-dichloro			X			107. Pyrene			X		
73. Ethane, 1,1,1-trichloro			X			X. PESTICIDES					
74. Ethane, 1,1,2-trichloro			X			108. Acrolein			X		
75. Ethane, 1,1,2,1-tetrachloro			X			109. Aldrin			X		
76. Ethane, hexachloro			X			110. BHC (Alpha)			X		
77. Ethane, chloro			X			111. BHC (Beta)			X		
78. Ethane, 1,1-dichloro			X			112. BHC (Gamma) or Lindane			X		
79. Ethane, trans-dichloro			X			113. BHC (Delta)			X		
80. Ethane, trichloro			X			114. Chlordane			X		
81. Ethane, tetrachloro			X			115. DDD			X		
82. Propane, 1,2-dichloro			X			116. DDE			X		
83. Propene, 2,4-dichloro			X			117. DDT			X		
84. Butadiene, hexachloro			X			118. Dieldrin			X		
85. Cyclopentadiene, hexachloro			X			119. Endosulfan (Alpha)			X		
VIII. PHTHALATE ESTERS						120. Endosulfan (Beta)			X		
86. Phthalate, di-c-methyl			X			121. Endosulfan Sulfate			X		
87. Phthalate, di-n-ethyl			X			122. Endrin			X		
88. Phthalate, di-n-butyl			X			123. Endrin aldehyde			X		
89. Phthalate, di-n-octyl			X			124. Heptachlor			X		
90. Phthalate, bis(2-ethylhexyl)			X			125. Heptachlor epoxide			X		
91. Phthalate, butyl benzyl			X			126. Isophorone			X		
IX. POLYCYCLIC AROMATIC HYDROCARBONS						127. TCDD (or Dioxin)			X		
92. Acenaphthene			X			128. Toxaphene			X		
93. Acenaphthylene			X								
94. Anthracene			X								

If you are unable to identify the chemical constituents of products you use that discharged in your wastewater, attach copies of the materials safety data sheets for such products.

SEWER WATER FLOW
BUILDING # 1



SEWER WATER FLOW
BUILDING # 2

PLANT SITE

Juana Diaz - PR - Hazardous Waste Analysis

BECKTON ENVIRONMENTAL LABORATORIES INC.**192 VILLA STREET • PONCE P.R. • TEL. (787) 841-7373 • FAX (787) 841-7313****ANALYSIS REPORT**

SAMPLE IDENTIFICATION: BOI - T Used December 19, 1997
General Electric Juana Díaz

Lab Name: Beckton Environmental Laboratories
Sampler: L. Meléndez
Matrix: Liquid

Lab. sample ID: BEL-9708129

Sample wt/vol: 100 (g/mL) mL

Lab. File ID: 9708129TCL

Column: (pack/cap) capillary

Date Received: 12/03/97

**MAXIMUM CONCENTRATION OF CONTAMINANTS
FOR CHARACTERISTIC OF TCLP TOXICITY**

EPA HAZARADOUS WASTE NUMBER	CONTAMINANT	RESULTS (mg/L)	DETECTION LIMIT (mg/L)	REGULATORY LEVEL (mg/L)
METALS (SW-846 6010/7470)				
D004	Arsenic	0.0483	0.002	5.0
D005	Barium	0.2496	0.00009	100.0
D006	Cadmium	0.3816	0.00015	1.0
D007	Chromium	0.2066	0.0006	5.0
D008	Lead	0.9066	0.002	5.0
D009	Mercury	<0.0004	0.0004	0.2
D010	Selenium	0.1224	0.002	1.0
D011	Silver	0.0127	0.00075	5.0

BECKTON ENVIRONMENTAL LABORATORIES INC.**192 VILLA STREET • PONCE P.R. • TEL. (787) 841-7373 • FAX (787) 841-7313**Analysis Report
Page -2-

SAMPLE IDENTIFICATION: BEL-9708129

HAZARDOUS CHARACTERISTICS**IGNITABILITY: Hazardous Waste Number D 001**

The sample does NOT exhibit the characteristic of ignitability according to the U.S. Environmental Protection Agency, Manual SW 846, "Test Methods for Evaluating Solid Wastes".

Flash point >140

CORROSITIVITY: Hazardous Wastes Number D 002

The sample does NOT exhibit the characteristic of corrosivity according to the U.S. Environmental Protection Agency, Manual SW 846, "Test Methods for Evaluating Solid Wastes".

The pH of the sample was 8.65 S.U. @ 21.0°C.

REACTIVITY: Hazardous Wastes Number D 003

Sample does not exhibit the characteristics of reactivity according to U.S. Environmental Protection Agency, Manual SW 846, "Test Methods for Evaluating Solid Wastes".

Sulfide	<10	ppm (500 ppm limit)
Cyanide	<10	ppm (250 ppm limit)

Certification and release of the data contained in this Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee.

Rafael Infante
Lcdo. Rafael Infante
Laboratory Director
Chemist License No. 1888



CHAIN OF CUSTODY RECORD

PROJECT NO.	COMPANY <i>General Electric Juana Diaz</i>	SAMPLER <i>L. Melendez</i>	
SAMPLE LOCATION/CLIENT ID	<i>BOI - T Used</i>	TIME	<i>12:09p-</i>
SAMPLE DATE	<i>12/3/97</i>	BEL. NO.	<i>9708129</i>
		CONTROL NO. <i>22922</i>	

1. General Environmental:

Acidity ()	Alkalinity ()
Ammonia as N ()	Bicarbonate ()
BOD-5 ()	Bromide ()
Chloride ()	Chlorine, Res. ()
COD ()	Color (ADMI) ()
Conductivity ()	Color (Pt-Co) ()
Dissolved Oxygen ()	Cyanide ()
Hardness ()	Fluoride ()
Moisture % ()	Iodine ()
Nitrite ()	Nitrate ()
Oil + Grease ()	Nitrate + Nitrite ()
Phenol ()	pH ().....
Phosphorus, Total ()	Phosphate, Ortho ()
Sett. Solids mg/L ()	Sett. Solids mL/L ()
Sulfate ()	Solids, Total ()
Sulfite ()	Sulfide ()
TDS ()	Surfactant ()
Temperature ().....	TSS ()
TOC ()	TKN ()
Asbestos in air ()	Turbidity ()

Relinquished by:

Jose A. De Jesus
Date/Time: *12/3/97* *12:20 pm*

Received by:

L. A. Melendez
Date/Time: *12/3/97* *12:21p-*

Relinquished by:

L. A. Melendez
Date/Time: *12/3/97* *1:30p-*

Received by:

Mirta Rivas
Date/Time: *12-4-97* *8:00 AM*

Matrix:

air ()
water ()
sludge ()
soil ()
solid ()
oil ()
mixed ()
other (x) Specify: *liquid*

Turnaround time:

1 day ()
2 days ()
3 days ()
5 days ()

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders

Sample type legend:

grab samples x
composite samples xx

2. Metals

Aluminum (Al) ()	Cadmium (Cd) ()
Chromium (Cr) ()	Copper (Cu) ()
Iron (Fe) ()	Lead (Pb) ()
Manganese (Mn) ()	Mercury (Hg) ()
Nickel (Ni) ()	Selenium (Se) ()
Silver (Ag) ()	Tin (Sn) ()
Zinc (Zn) ()	Arsenic (As) ()
Barium (Ba) ()	Boron (B) ()
Antimony (Sb) ()	Beryllium (Be) ()
Bismuth (Bi) ()	Calcium (Ca) ()
Chromium, VI (CrVI) ()	Cobalt (Co) ()
Magnesium (Mg) ()	Molybdenum (Mo) ()
Potassium (K) ()	Silicon (Si) ()
Sodium (Na) ()	Strontium (Sr) ()
Thallium (Tl) ()	Titanium (Ti) ()
Vanadium (V) ()	

3. RCRA/Hazardous wastes

Ignitability (Flash Pt.) (x)	Corrosivity (x)
Reactivity (CN & S) (x)	TCLP ()
RCRA Metals <i>TCLP</i> (x)	Organics-Pest/Herb ()
Organics-BNA ()	Organics-VOA ()
TOX ()	

4. Specific Organics

Volatiles ()	Semi-Volatiles (BNA) ()
Pesticides/PCB's ()	PCB's Only ()
Herbicides ()	TPH/Diesel (TPH/D) ()
BTEX ()	TTO ()
TTO & Dioxin ()	OTHER (Specify) ()

5. Microbiology

Fecal Coliform ()	Total Coliform ()
--------------------	--------------------

Comments:

BECKTON ENVIRONMENTAL LABORATORIES

192 Villa Street ♦ Ponce, PR 00731

Tel.: 809-841-7373 ♦ Fax.: 809-841-7313

Original

GE_CARIBE001730

PROCEDURE FOR FILLING CHAIN OF CUSTODY FORM

[Ref.: Beckton's Environmental Laboratories SOP Number 5.0 adopted on May 24, 1995]

Scope And Application

This procedure is necessary to insure the validity of the data. Due to the evidentiary nature of samples collected during enforcement investigations, possession must be traceable from the time the samples are collected until they are introduced as evidence in legal proceedings.

Definition

According to the USEPA Office of Enforcement and Compliance Monitoring National Enforcement Investigation Center (NEIC) Policies and Procedures, May 1978 and revised on May 1986, a sample is under custody if:

1. it is in your possession, or
2. it is in your view, after being in your possession, or
3. it was in your possession and you locked it up, or
4. it is in a designated secure area.

Possession must be traceable from the time the samples are collected until they are finally disposed.

Procedure for filling chain-of-custody forms

Chain of custody shall be completed using black waterproof ink. The information recorded should include:

Project Number:	A number given to the project, optional.
Company:	The name of the Company. If there are companies with the same name, specify the city (place). Site where samples are obtained or specific project for which samples are collected.
Sampler:	Each sampler is identified.
BEL ID Number:	Laboratory Identification Number unique for each sample and assigned by Beckton.
Control No.:	A number assigned by Beckton for the purpose of sample tracking and invoicing. Customers will utilize this number for determining status of samples.
Date:	A six digit number indicating day of collection, month and the year.
Time:	A four digit number indicating time of collection; military time must be preferably employed. AM and PM should be stated in case normal time is employed.
Sample matrix:	Check appropriate space for the following sample matrix: water; solid; air; sludge, soil, solid, mixed waste, or other. In the event other is selected specify the sample matrix.
Sample type:	Write either an "x" or "xx" in the corresponding space next to the parameter. Sample types: xx- composite; x- grab.
Comments:	Sampler should specify field observations or abnormal conditions. For example: If spilt, trip blanks, field blanks or duplicates samples were taken.
Analysis:	Each parameter to be analyzed should be marked with an "X" or "XX"
Relinquished and received by:	When transferring the possession of samples the individuals relinquishing and receiving will sign, date, and note the time. This record documents sample custody transfer from the sampler, often through another person, to the laboratory. Each signature should be legible. If not legible, print name above signature.

- Note: (1) The field sampler is personally responsible for the care and custody of samples collected. As few people as possible should handle samples. When in-site measurement are made, the data are recorded directly in the chain-of-custody. For example: pH, temperature, dissolved oxygen, residual chlorine and flow measurements. If errors are made when completing any of these forms, the error must be crossed out with a single line and initialed and dated by the sampler.
- (2) Beckton Environmental Laboratories follows SOP's for sampling, preservation and handling of samples. These procedures are of utmost importance if test values are representative of the source sample. Correct analytical methods are always employed.
- (3) If a sample is found to be toxic (as per appropriate RCRA regulation) it will be returned to the client for proper disposal.
- (4) The following preservatives must be always employed:
Refrigeration, 4°C for all samples; HNO₃ for trace metals, hardness and radioactivity; NaOH for cyanides; H₂SO₄ for phenolics, ammonia nitrogen, TKN, oil & grease, and phosphorus; Zn Acetate for sulfides. Other parameters are preserved as per appropriate SOP.

U.S. Environmental Protection Agency. NPDES Compliance Evaluation Inspection (MCD-75) Manual, Enforcement Division Office of Water Enforcement, Compliance Branch, Enforcement Division (EN-338), Washington, D.C. EPA January, 1981.

Florida Department of Environmental Protection, Comprehensive QA/QC, 1992.

BECKTON ENVIRONMENTAL LABORATORIES INC.

192 VILLA STREET • PONCE P.R. • TEL. (787) 841-7373 • FAX (787) 841-7313

ANALYSIS REPORTSAMPLE IDENTIFICATION: Evaporator Sludge →
G.E., Fab. (Juana Díaz)

September 2, 1997

Lab Name: Beckton Environmental Laboratories

Sampler: E. Arias

Matrix: Water

Lab. sample ID: BEL-9704876

Sample wt/vol: 1000/5.0 (g/mL) mL

Lab. File ID: 9704876TCL

Column: (pack/cap) capillary

Date Received: 08/08/97

Date Analyzed: 08/15/97 (V)

08/15/97 (H)

08/15/97 (P)

08/13/97 (SV)

**MAXIMUM CONCENTRATION OF CONTAMINANTS
FOR CHARACTERISTIC OF TCLP TOXICITY**

EPA HAZARADOUS WASTE NUMBER	CONTAMINANT	RESULTS (mg/L)	DETECTION LIMIT (mg/L)	REGULATORY LEVEL (mg/L)
--------------------------------	-------------	--------------------	-------------------------------	--------------------------------

METALS (SW-846 6010/7470)

D004	Arsenic	0.1315	0.002	5.0
D005	Barium	0.2275	0.00009	100.0
D006	Cadmium	0.3598	0.00015	1.0
D007	Chromium	0.0402	0.0006	5.0
D008	Lead	1.767	0.002	5.0
D009	Mercury	0.0021	0.0004	0.2
D010	Selenium	0.0285	0.002	1.0
D011	Silver	0.0080	0.00075	5.0

PESTICIDES (SW-846 8080)

D020	Chlordane	N.D.	0.002	0.03
D012	Endrin	N.D.	0.002	0.02
D031	Heptachlor (and its OH)	N.D.	0.0005	0.008
D013	Lindane	N.D.	0.004	0.4
D014	Methoxychlor	N.D.	0.010	10.0
D015	Toxaphene	N.D.	0.025	0.5

N.D. - not detected

GE_CARIBE001732

BECKTON ENVIRONMENTAL LABORATORIES INC.**192 VILLA STREET • PONCE P.R. • TEL. (787) 841-7373 • FAX (787) 841-7313**Analysis Report
Page -2-

SAMPLE IDENTIFICATION: BEL-9704876

EPA HAZRDOUS WASTE NUMBER	CONTAMINANT	RESULTS (mg/L)	DETECTION LIMIT (mg/L)	REGULATORY LEVEL (mg/L)
HERBICIDES (SW-846 8150)				
D016	2,4-D	N.D.	.25	10.0
D017	2,4,5-TP (Silvex)	N.D.	.10	1.0
VOLATILE ORGANICS (SW-846 8010; 8015; 8021)				
D018	Benzene	N.D.	.040	0.5
D019	Carbon Tetrachloride	N.D.	.040	0.5
D021	Chlorobenzene	N.D.	.040	100.0
D022	Chloroform	N.D.	.040	6.0
D027	1,4-Dichlorobenzene	N.D.	.040	7.5
D028	1,2-Dichloroethane	N.D.	.040	0.5
D029	1,1-Dichloroethylene	N.D.	.040	0.7
D035	Methyl Ethyl Ketone	N.D.	5.00	200.0
D039	Tetrachloroethylene	N.D.	.040	0.7
D040	Trichloroethylene	N.D.	.040	0.5
D043	Vinyl Chloride	N.D.	.020	0.2
SEMI-VOLATILE ORGANICS (SW 8270)				
D023	o-Cresol	N.D.	.002	200.0
D024	m-Cresol	N.D.	.002	200.0
D025	p-Cresol	N.D.	.002	200.0
D030	2,4-Dinitrotoluene	N.D.	.002	0.13
D032	Hexachlorobenzene	N.D.	.002	0.13
D033	Hexachloro-1,3-butadiene	N.D.	.002	0.5
D034	Hexachloroethane	N.D.	.002	3.0
D036	Nitrobenzene	N.D.	.002	2.0
D037	Pentachlorophenol	N.D.	.002	100.0
D038	Pyridine	N.D.	.002	5.0
D041	2,4,5-Trichlorophenol	N.D.	.002	400.0
D042	2,4,6-Trichlorophenol	N.D.	.002	2.0

N.D.- not detected

BECKTON ENVIRONMENTAL LABORATORIES INC.

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Analysis Report
Page -3-

SAMPLE IDENTIFICATION: BEL-9704876

HAZARDOUS CHARACTERISTICS

IGNITABILITY: Hazardous Waste Number D 001

The sample does NOT exhibit the characteristic of ignitability according to the U.S. Environmental Protection Agency, Manual SW 846, "Test Methods for Evaluating Solid Wastes".

Flash point >140 °F

CORROSITIVITY: Hazardous Wastes Number D 002

The sample does NOT exhibit the characteristic of corrosivity according to the U.S. Environmental Protection Agency, Manual SW 846, "Test Methods for Evaluating Solid Wastes".

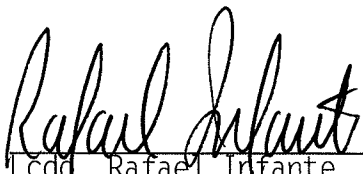
The pH of the sample was 10.22 S.U. @ 21°C.

REACTIVITY: Hazardous Wastes Number D 003

Sample does not exhibit the characteristics of reactivity according to U.S. Environmental Protection Agency, Manual SW 846, "Test Methods for Evaluating Solid Wastes".

Sulfide	<10	ppm (500 ppm limit)
Cyanide	<10	ppm (250 ppm limit)

Certification and release of the data contained in this Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee.



Lcd, Rafael Infante
Laboratory Director
Chemist License No. 1888



CHAIN OF CUSTODY RECORD

PROJECT NO.	COMPANY <i>G.E. Juana Díaz</i>	SAMPLER <i>E. Arias</i>	
SAMPLE LOCATION/CLIENT ID	<i>Evaporator Sludge</i>	TIME	<i>930A</i>
SAMPLE DATE	<i>8-8-97</i>	BEL. NO.	<i>9704876</i>
		CONTROL NO. <i>17138</i>	

1. General Environmental:

Acidity ()	Alkalinity ()
Ammonia as N ()	Bicarbonate ()
BOD-5 ()	Bromide ()
Chloride ()	Chlorine, Res. ()
COD ()	Color (ADMI) ()
Conductivity ()	Color (Pt-Co) ()
Dissolved Oxygen ()	Cyanide ()
Hardness ()	Fluoride ()
Moisture % ()	Iodine ()
Nitrite ()	Nitrate ()
Oil + Grease ()	Nitrate + Nitrite ()
Phenol ()	pH ().....
Phosphorus, Total ()	Phosphate, Ortho ()
Sett. Solids mg/L ()	Sett. Solids mL/L ()
Sulfate ()	Solids, Total ()
Sulfite ()	Sulfide ()
TDS ()	Surfactant ()
Temperature ().....	TSS ()
TOC ()	TKN ()
Asbestos in air ()	Turbidity ()

Relinquished by:

Jorge A. Re
 Date/Time: *8/8/97* *9:40 AM*

Received by:

Edh
 Date/Time: *8-8-97* *9:40A*

Relinquished by:

Edh
 Date/Time: *8-8-97*

Received by:

Walter Rivas
 Date/Time: *8.8.97* *4:20PM*

Matrix:

air ()
 water ()
 sludge ()
 soil ()
 solid ()
 oil ()
 mixed ()
 other () Specify: _____

Turnaround time:

1 day ()
 2 days ()
 3 days ()
 5 days ()

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders

Sample type legend:

grab samples x
 composite samples xx

2. Metals

Aluminum (Al) ()	Cadmium (Cd) ()
Chromium (Cr) ()	Copper (Cu) ()
Iron (Fe) ()	Lead (Pb) ()
Manganese (Mn) ()	Mercury (Hg) ()
Nickel (Ni) ()	Selenium (Se) ()
Silver (Ag) ()	Tin (Sn) ()
Zinc (Zn) ()	Arsenic (As) ()
Barium (Ba) ()	Boron (B) ()
Antimony (Sb) ()	Beryllium (Be) ()
Bismuth (Bi) ()	Calcium (Ca) ()
Chromium, VI (CrVI) ()	Cobalt (Co) ()
Magnesium (Mg) ()	Molybdenum (Mo) ()
Potassium (K) ()	Silicon (Si) ()
Sodium (Na) ()	Strontium (Sr) ()
Thallium (Tl) ()	Titanium (Ti) ()
Vanadium (V) ()	

3. RCRA/Hazardous wastes

Ignitability (Flash Pt.) (X)	Corrosivity (X)
Reactivity (CN & S) (X)	TCLP (X)
RCRA Metals (X)	Organics-Pest/Herb (X)
Organics-BNA (X)	Organics-VOA (X)
TOX ()	

4. Specific Organics

E.A. IX

Volatiles ()	Semi-Volatiles (BNA) ()
Pesticides/PCB's ()	PCB's Only ()
Herbicides ()	TPH/Diesel (TPH/D) ()
BTEX ()	TTO ()
TTO & Dioxin ()	OTHER (Specify) ()

5. Microbiology

Fecal Coliform ()	Total Coliform ()
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Comments:

Field Blank - 9704877
Trip Blank - 9704878

BECKTON ENVIRONMENTAL LABORATORIES

192 Villa Street ♦ Ponce, PR 00731

Tel.: 809-841-7373 ♦ Fax.: 809-841-7313

Original

GE_CARIBE001735

PROCEDURE FOR FILLING CHAIN OF CUSTODY FORM

[Ref.: Beckton's Environmental Laboratories SOP Number 5.0 adopted on May 24, 1995]

Scope And Application

This procedure is necessary to insure the validity of the data. Due to the evidentiary nature of samples collected during enforcement investigations, possession must be traceable from the time the samples are collected until they are introduced as evidence in legal proceedings.

Definition

According to the USEPA Office of Enforcement and Compliance Monitoring National Enforcement Investigation Center (NEIC) Policies and Procedures, May 1978 and revised on May 1986, a sample is under custody if:

1. it is in your possession, or
2. it is in your view, after being in your possession, or
3. it was in your possession and you locked it up, or
4. it is in a designated secure area.

Possession must be traceable from the time the samples are collected until they are finally disposed.

Procedure for filling chain-of-custody forms

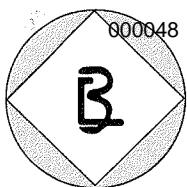
Chain of custody shall be completed using black waterproof ink. The information recorded should include:

Project Number:	A number given to the project, optional.
Company:	The name of the Company. If there are companies with the same name, specify the city (place). Site where samples are obtained or specific project for which samples are collected.
Sampler:	Each sampler is identified.
BEL ID Number:	Laboratory Identification Number unique for each sample and assigned by Beckton.
Control No.:	A number assigned by Beckton for the purpose of sample tracking and invoicing. Customers will utilize this number for determining status of samples.
Date:	A six digit number indicating day of collection, month and the year.
Time:	A four digit number indicating time of collection; military time must be preferably employed. AM and PM should be stated in case normal time is employed.
Sample matrix:	Check appropriate space for the following sample matrix: water; solid; air; sludge, soil, solid, mixed waste, or other. In the event other is selected specify the sample matrix.
Sample type:	Write either an "x" or "xx" in the corresponding space next to the parameter. Sample types: xx- composite; x- grab.
Comments:	Sampler should specify field observations or abnormal conditions. For example: If split, trip blanks, field blanks or duplicate samples were taken.
Analysis:	Each parameter to be analyzed should be marked with an "X" or "XX".
Relinquished and received by:	When transferring the possession of samples the individuals relinquishing and receiving will sign, date, and note the time. This record documents sample custody transfer from the sampler, often through another person, to the laboratory. Each signature should be legible. If not legible, print name above signature.

- Note:
- (1) The field sampler is personally responsible for the care and custody of samples collected. As few people as possible should handle samples. When in-site measurement are made, the data are recorded directly in the chain-of-custody. For example: pH, temperature, dissolved oxygen, residual chlorine and flow measurements. If errors are made when completing any of these forms, the error must be crossed out with a single line and initialed and dated by the sampler.
 - (2) Beckton Environmental Laboratories follows SOP's for sampling, preservation and handling of samples. These procedures are of utmost importance if test values are representative of the source sample. Correct analytical methods are always employed.
 - (3) If a sample is found to be toxic (as per appropriate RCRA regulation) it will be returned to the client for proper disposal.
 - (4) The following preservatives must be always employed:
Refrigeration, 4°C for all samples; HNO₃ for trace metals, hardness and radioactivity; NaOH for cyanides; H₂SO₄ for phenolics, ammonia nitrogen, TKN, oil & grease, and phosphorus; Zn Acetate for sulfides. Other parameters are preserved as per appropriate SOP.

U.S. Environmental Protection Agency. NPDES Compliance Evaluation Inspection (MCD-75) Manual, Enforcement Division Office of Water Enforcement, Compliance Branch, Enforcement Division (EN-338), Washington, D.C. EPA January, 1981.

Florida Department of Environmental Protection, Comprehensive QA/QC, 1992.



BECKTON ENVIRONMENTAL

LABORATORIES, INC.

ANALYSIS REPORT

Att.: Mrs. Nancy Texeira
General Electric- Juana Díaz

Date: May 2, 1997

Lab Name: Beckton Environmental Laboratories
Lab. sample ID: BEL-9702427 Date: 04/25/97

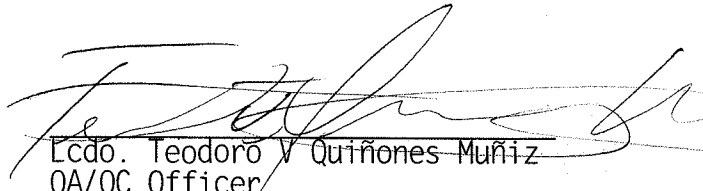
Contract: General Electric
Description: Cooling Tower #2

Lab. file ID: BEL9702427

Sampled by: E. Arias

PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-9702427
pH	150.1	Spot	S.U.	8.92
Temperature	170.1	Spot	°C	27.0
Aluminum	200.7(ICAP)	Grab	mg/L	0.1121
Cadmium	200.7(ICAP)	Grab	mg/L	<0.00015
Cr, Total	200.7(ICAP)	Grab	mg/L	0.0032
Copper	200.7(ICAP)	Grab	mg/L	0.0217
Iron	200.7(ICAP)	Grab	mg/L	0.0755
Lead	200.7(ICAP)	Grab	mg/L	<0.002
Manganese	200.7(ICAP)	Grab	mg/L	0.0086
Mercury	245.1	Grab	mg/L	<0.0004
Nickel	200.7(ICAP)	Grab	mg/L	0.002
Selenium	200.7(ICAP)	Grab	mg/L	<0.002
Silver	200.7(ICAP)	Grab	mg/L	<0.00075
Tin	200.7(ICAP)	Grab	mg/L	<1.0
Zinc	200.7(ICAP)	Grab	mg/L	0.0181
BOD5	405.1	Grab	mg/L	26.9
COD	410.4	Grab	mg/L	126.6
Oil & Grease	413.1	Grab	mg/L	7.6
SS	Std. Method	Grab	mg/L	<4.0
Cyanide	335.2	Grab	mg/L	<0.02
TSS	160.1	Grab	mg/L	<4.0
Flash Point	SW-846 1010	Grab	mg/L	>140

Certification and release of the data contained in the Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee:


Lcdo. Teodoro V. Quinones Muñiz
QA/QC Officer
Chemist License 3215



192 VILLA STREET
PONCE, P.R. 00731

TEL: (787) 841-7373
FAX (787) 841-7313

GE_CARIBE001737

CHAIN OF CUSTODY RECORD

PROJECT NO.	COMPANY <u>GE. Juan Díaz</u>	SAMPLER <u>Edwin Ariza</u>	
SAMPLE LOCATION/CLIENT ID	<u>Cooling Tower # 2</u>	TIME	<u>10:45 AM</u>
SAMPLE DATE	<u>4-25-97</u>	BEL. NO.	<u>9702427</u>
		CONTROL NO. <u>7749</u>	

1. General Environmental:

Acidity	()	Alkalinity	()
Ammonia as N	()	Bicarbonate	()
BOD-5	(X)	Bromide	()
Chloride	()	Chlorine, Res.	()
COD	(X)	Color (ADMI)	()
Conductivity	()	Color (Pt-Co)	()
Dissolved Oxygen	()	Cyanide	(X)
Hardness	()	Fluoride	()
Moisture %	()	Iodine	()
Nitrite	()	Nitrate	()
Oil+Grease	(X)	Nitrate + Nitrite	()
Phenol	()	pH	(X) 8.92
Phosphorus, Total	()	Phosphate, Ortho	()
Sett. Solids mg/L	(X)	Sett. Solids mL/L	()
Sulfate	()	Solids, Total	()
Sulfite	()	Sulfide	()
TDS	() 27°	Surfactant	()
Temperature	(X) 27°	TSS	(X)
TOC	()	TKN	()
Asbestos in air	()	Turbidity	()

Relinquished by:

Yancy Luperón
Date/Time: 4/25/97 11:00 a.m.

Received by:

Edwin Ariza
Date/Time: 4-25-97 11:00 AM

Relinquished by:

Edwin Ariza
Date/Time: 4-25-97 12:40 AM

Received by:

Marta Rincón
Date/Time: 4-25-97 1:15 PM

Matrix:

air ()
water (X)
sludge ()
soil ()
solid ()
oil ()
mixed ()
other () Specify: _____

Turnaround time:

1 day ()
2 days ()
3 days ()
5 days ()

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders

Sample type legend:

grab samples x
composite samples xx

2. Metals

Aluminum	(Al)	(X)	Cadmium	(Cd)	(X)
Chromium	(Cr)	(X)	Copper	(Cu)	(X)
Iron	(Fe)	(X)	Lead	(Pb)	(X)
Manganese	(Mn)	(X)	Mercury	(Hg)	(X)
Nickel	(Ni)	(X)	Selenium	(Se)	(X)
Silver	(Ag)	(X)	Tin	(Sn)	(X)
Zinc	(Zn)	(X)	Arsenic	(As)	()
Barium	(Ba)	()	Boron	(B)	()
Antimony	(Sb)	()	Beryllium	(Be)	()
Bismuth	(Bi)	()	Calcium	(Ca)	()
Chromium, VI	(CrVI)	()	Cobalt	(Co)	()
Magnesium	(Mg)	()	Molybdenum	(Mo)	()
Potassium	(K)	()	Silicon	(Si)	()
Sodium	(Na)	()	Strontium	(Sr)	()
Thallium	(Tl)	()	Titanium	(Ti)	()
Vanadium	(V)	()			

3. RCRA/Hazardous wastes

Ignitability (Flash Pt.)	(X)	Corrosivity	()
Reactivity (CN & S)	()	TCLP	()
RCRA Metals	()	Organics-Pest/Herb	()
Organics-BNA	()	Organics-VOA	()
TOX	()		

4. Specific Organics

Volatiles	()	Semi-Volatiles (BNA)	()
Pesticides/PCB's	()	PCB's Only	()
Herbicides	()	TPH/Diesel (TPH/D)	()
BTEX	()	TTO	()
TTO & Dioxin	()	OTHER (Specify) _____	()

5. Microbiology

Fecal Coliform	()	Total Coliform	()
----------------	-----	----------------	-----

Comments: _____

BECKTON ENVIRONMENTAL LABORATORIES

192 Villa Street ♦ Ponce, PR 00731

Tel.: 809-841-7373 ♦ Fax.: 809-841-7313

Original

GE_CARIBE001738

PROCEDURE FOR FILLING CHAIN OF CUSTODY FORM

[Ref.: Beckton's Environmental Laboratories SOP Number 5.0 adopted on May 24, 1995]

Scope And Application

This procedure is necessary to insure the validity of the data. Due to the evidentiary nature of samples collected during enforcement investigations, possession must be traceable from the time the samples are collected until they are introduced as evidence in legal proceedings.

Definition

According to the USEPA Office of Enforcement and Compliance Monitoring National Enforcement Investigation Center (NEIC) Policies and Procedures, May 1978 and revised on May 1986, a sample is under custody if:

1. it is in your possession, or
2. it is in your view, after being in your possession, or
3. it was in your possession and you locked it up, or
4. it is in a designated secure area.

Possession must be traceable from the time the samples are collected until they are finally disposed.

Procedure for filling chain-of-custody forms

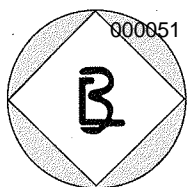
Chain of custody shall be completed using black waterproof ink. The information recorded should include:

Project Number:	A number given to the project, optional.
Company:	The name of the Company. If there are companies with the same name, specify the city (place). Site where samples are obtained or specific project for which samples are collected.
Sampler:	Each sampler is identified.
BEL ID Number:	Laboratory Identification Number unique for each sample and assigned by Beckton.
Control No.:	A number assigned by Beckton for the purpose of sample tracking and invoicing. Customers will utilize this number for determining status of samples.
Date:	A six digit number indicating day of collection, month and the year.
Time:	A four digit number indicating time of collection; military time must be preferably employed. AM and PM should be stated in case normal time is employed.
Sample matrix:	Check appropriate space for the following sample matrix: water; solid; air; sludge, soil, solid, mixed waste, or other. In the event other is selected specify the sample matrix.
Sample type:	Write either an "x" or "xx" in the corresponding space next to the parameter. Sample types: xx- composite; x- grab.
Comments:	Sampler should specify field observations or abnormal conditions. For example: If spilt, trip blanks, field blanks or duplicates samples were taken.
Analysis:	Each parameter to be analyzed should be marked with an "X" or "XX"
Relinquished and received by:	When transferring the possession of samples the individuals relinquishing and receiving will sign, date, and note the time. This record documents sample custody transfer from the sampler, often through another person, to the laboratory. Each signature should be legible. If not legible, print name above signature.

- Note:
- (1) The field sampler is personally responsible for the care and custody of samples collected. As few people as possible should handle samples. When in-site measurement are made, the data are recorded directly in the chain-of-custody. For example: pH, temperature, dissolved oxygen, residual chlorine and flow measurements. If errors are made when completing any of these forms, the error must be crossed out with a single line and initialed and dated by the sampler.
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 - (4) The following preservatives must be always employed:
Refrigeration, 4°C for all samples; HNO₃ for trace metals, hardness and radioactivity; NaOH for cyanides; H₂SO₄ for phenolics, ammonia nitrogen, TKN, oil & grease, and phosphorus; Zn Acetate for sulfides. Other parameters are preserved as per appropriate SOP.

U.S. Environmental Protection Agency. NPDES Compliance Evaluation Inspection (MCD-75) Manual, Enforcement Division Office of Water Enforcement, Compliance Branch, Enforcement Division (EN-338), Washington, D.C. EPA January, 1981.

Florida Department of Environmental Protection, Comprehensive QA/QC, 1992.



BECKTON ENVIRONMENTAL

LABORATORIES, INC.

ANALYSIS REPORT

SAMPLE IDENTIFICATION: Tierra de Mantenimiento
G.E., Juana Diaz

March 5, 1997

Lab Name: Beckton Environmental Laboratories

Sampler: L. Rivera

Matrix: Sludge

Lab. sample ID: BEL-9700918

Sample wt/vol: 25 (g/mL) g

Lab. File ID: 9700918TCLP

Column: (pack/cap) capillary

Date Received: 02/20/97

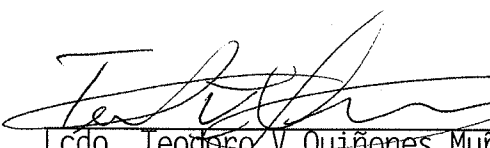
Date Extracted: 02/24/97

Date Analyzed: 02/20/97

MAXIMUM CONCENTRATION OF CONTAMINANTS FOR CHARACTERISTIC OF TCLP TOXICITY

EPA HAZARADOUS WASTE NUMBER	CONTAMINANT	RESULTS (mg/L)	DETECTION LIMIT (mg/L)	REGULATORY LEVEL (mg/L)
METALS (SW-846 6010-7470)				
D004	Arsenic	N.D.	0.002	5.0
D005	Barium	1.655	0.00009	100.0
D006	Cadmium	0.0307	0.00015	1.0
D007	Chromium	0.0008	0.0006	5.0
D008	Lead	N.D.	0.002	5.0
D009	Mercury	N.D.	0.0004	0.2
D010	Selenium	N.D.	0.002	1.0
D011	Silver	N.D.	0.00075	5.0

Certification and release of the data contained in this Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee.

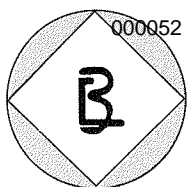

Lcdo. Teodoro V. Quiñones Muñiz
QC Officer
Chemist License 3215



192 VILLA STREET
PONCE, P.R. 00731

TEL: (787) 841-7373
FAX (787) 841-7313

GE_CARIBE001740



BECKTON ENVIRONMENTAL
LABORATORIES, INC.

March 5, 1997

ANALYSIS RESULTS

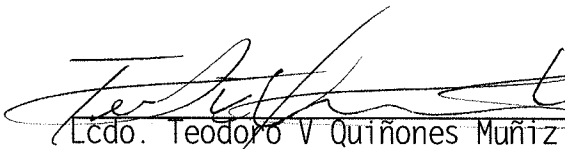
Lab Name: Beckton Environmental Laboratories Contract: G.E. Juana Diaz
Att.: Mr. José Castro Project: G.E. Juana Diaz
Lab. File ID: BEL9700920 Sampled by: Client

SAMPLE I.D	DESCRIPTION	SAMPLING DATE	ANALYSIS DATE
BEL-9700920	Muestra #1	02/20/97	02/26/97

**ASBESTOS BULK ANALYSIS AND IDENTIFICATION BY
POLARIZED LIGHT MICROSCOPY
(40 CFR Ch.1 Pt. 763, Subpt. F, Appendix A. 7/1/87)**

SAMPLE	Asbestos Present or Absent	Type of Asbestos	Other Fibrous Material Present	Non- Fibrous Material Present	Friable/ Non- Friable
BEL-9700920	Absent	None 0%	Cellulose 40%	Carbonaceous & Non- Carbonaceous Material 60%	Friable

Certification and release of the data contained in the Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee.

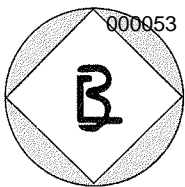

Lcdo. Teodoro V Quiñones Muñiz
QC Officer
Chemist License 3215

192 VILLA STREET
PONCE, P.R. 00731



TEL: (787) 841-7373
FAX (787) 841-7313

GE_CARIBE001741



BECKTON ENVIRONMENTAL
LABORATORIES, INC.

March 5, 1997

ANALYSIS RESULTS

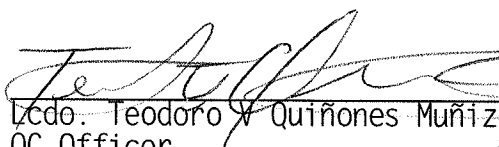
Lab Name: Beckton Environmental Laboratories Contract: G.E. Juana Diaz
Att.: Mr. José Castro Project: G.E. Juana Diaz
Lab. File ID: BEL9700921 Sampled by: Client

SAMPLE I.D	DESCRIPTION	SAMPLING DATE	ANALYSIS DATE
BEL-9700921	Muestra #2	02/20/97	02/26/97

**ASBESTOS BULK ANALYSIS AND IDENTIFICATION BY
POLARIZED LIGHT MICROSCOPY
(40 CFR Ch.1 Pt. 763, Subpt. F, Appendix A. 7/1/87)**

SAMPLE	Asbestos Present or Absent	Type of Asbestos	Other Fibrous Material Present	Non- Fibrous Material Present	Friable/ Non- Friable
BEL-9700921	Absent	None 0%	Fiberglass 35%	Carbonaceous & Non- Carbonaceous Material 65%	Friable

Certification and release of the data contained in the Report of Analysis
has been authorized by the Laboratory Manager or the Manager's Designee.

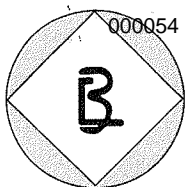

Lcdo. Teodoro V. Quiñones Muñiz
QC Officer
Chemist License 3215



192 VILLA STREET
PONCE, P.R. 00731

TEL: (787) 841-7373
FAX (787) 841-7313

GE_CARIBE001742



BECKTON ENVIRONMENTAL

LABORATORIES, INC.

ANALYSIS REPORT

SAMPLE IDENTIFICATION: Dron #67
G.E., Juana Díaz

Dicember 6, 1996

Lab Name: Beckton Environmental Laboratories
Sampler: W. Orengo
Matrix: Solid

Lab. sample ID: BEL-23527

Sample wt/vol: 200/25.0 (g/mL) g

Lab. File ID: 23527TCL

Column: (pack/cap) capillary


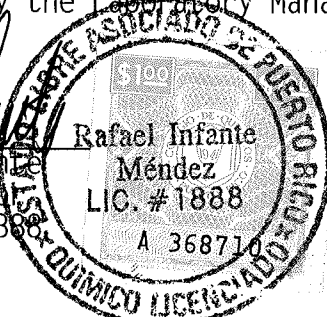
Date Received: 11/18/96
Date Extracted: 11/19/96
Date Analyzed: 12/05/96 (SV)

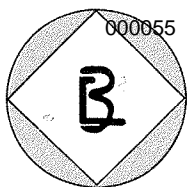
MAXIMUM CONCENTRATION OF CONTAMINANTS FOR CHARACTERISTIC OF TCLP TOXICITY

EPA HAZARADOUS WASTE NUMBER	CONTAMINANT	RESULTS (mg/L)	DETECTION LIMIT (mg/L)	REGULATORY LEVEL (mg/L)
SEMI-VOLATILE ORGANICS (SW 8270)				
D023	o-Cresol	N.D.	0.002	200.0
D024	m-Cresol	N.D.	0.002	200.0
D025	p-Cresol	N.D.	0.002	200.0
D030	2,4-Dinitrotoluene	N.D.	0.002	0.13
D032	Hexachlorobenzene	N.D.	0.002	0.13
D033	Hexachloro-1,3-butadiene	N.D.	0.002	0.5
D034	Hexachloroethane	N.D.	0.002	3.0
D036	Nitrobenzene	N.D.	0.002	2.0
D037	Pentachlorophenol	N.D.	0.002	100.0
D038	Pyridine	N.D.	0.002	5.0
D041	2,4,5-Trichlorophenol	N.D.	0.002	400.0
D042	2,4,6-Trichlorophenol	N.D.	0.002	2.0

N.D. - not detected

Certification and release of the data contained in this Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee.


Lcdo. Rafael Infante Méndez
Laboratory Director
Chemist License 1888




BECKTON ENVIRONMENTAL
LABORATORIES, INC.

January 10, 1997

ANALYSIS RESULTS

Lab Name: Beckton Environmental Laboratories Contract: GE - Juana Díaz

Att.: Ms. Nancy Texeira

Lab. File ID: BEL23351

Sampled by: Client

SAMPLE I.D	DESCRIPTION	SAMPLING DATE	ANALYSIS DATE
BEL-23351	Material para ser removido	11/12/96	11/22/96

ASBESTOS BULK ANALYSIS AND IDENTIFICATION BY
POLARIZED LIGHT MICROSCOPY
(EPA METHOD 600/R-93/116, July 1993)

SAMPLE	Asbestos Present or Absent	Type of Asbestos	Other Fibrous Material Present	Non- Fibrous Material Present
BEL-23351	Present	Chrysotile 35%	None	Non- Carbonaceous Carbonaceous

Certification and release of the data contained in the Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee.

Rafael Infante
Lcdor Rafael Infante Méndez
Laboratory Director
Chemist License 1888

LIBRE ASOCIADO DE PUERTO RICO
LICENCIADO QUIMICO
A 44731

192 VILLA STREET
PONCE, P.R. 00731

TEL. (809) 841-7373
FAX (809) 841-7313

GE_CARIBE001744

CHAIN OF CUSTODY RECORD

PROJECT NO.	COMPANY <u>M. E. Juana Diaz</u>	SAMPLER <u>A. Vera / N. Teixeira</u>	
SAMPLE LOCATION/CLIENT ID	<u>Asbestos</u>	TIME	<u>1:30 PM</u>
SAMPLE DATE	<u>11-12-96</u>	BEL. NO.	<u>23351</u>
		CONTROL NO. <u>14500</u>	

1. General Environmental:

Acidity ()	Alkalinity ()
Ammonia as N ()	Bicarbonate ()
BOD-5 ()	Bromide ()
Chloride ()	Chlorine, Res. ()
COD ()	Color (ADMI) ()
Conductivity ()	Color (Pt-Co) ()
Dissolved Oxygen ()	Cyanide ()
Hardness ()	Fluoride ()
Moisture % ()	Iodine ()
Nitrite ()	Nitrate ()
Oil + Grease ()	Nitrate + Nitrite ()
Phenol ()	pH ().....
Phosphorus, Total ()	Phosphate, Ortho ()
Sett. Solids mg/L ()	Sett. Solids mL/L ()
Sulfate ()	Solids, Total ()
Sulfite ()	Sulfide ()
TDS ()	Surfactant ()
Temperature ().....	TSS ()
TOC ()	TKN ()
Asbestos in air ()	Turbidity ()

Relinquished by:

Date/Time:

Received by:

Angel Luis Vera
 Date/Time: 11-12-96 1:40 PM

Relinquished by:

Angel Luis Vera
 Date/Time: 11-12-96 1:40 PM

Received by:

Carol Berzudez
 Date/Time: 11/12/96 4:18 PM

Matrix:

air ()
 water ()
 sludge ()
 soil ()
 solid ()
 oil ()
 mixed ()
 other (x) Specify: asbestos

Turnaround time:

1 day ()
 2 days ()
 3 days ()
 5 days ()

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders

Sample type legend:

grab samples x
 composite samples xx

2. Metals

Aluminum (Al) ()	Cadmium (Cd) ()
Chromium (Cr) ()	Copper (Cu) ()
Iron (Fe) ()	Lead (Pb) ()
Manganese (Mn) ()	Mercury (Hg) ()
Nickel (Ni) ()	Selenium (Se) ()
Silver (Ag) ()	Tin (Sn) ()
Zinc (Zn) ()	Arsenic (As) ()
Barium (Ba) ()	Boron (B) ()
Antimony (Sb) ()	Beryllium (Be) ()
Bismuth (Bi) ()	Calcium (Ca) ()
Chromium, VI (CrVI) ()	Cobalt (Co) ()
Magnesium (Mg) ()	Molybdenum (Mo) ()
Potassium (K) ()	Silicon (Si) ()
Sodium (Na) ()	Strontium (Sr) ()
Thallium (Tl) ()	Titanium (Ti) ()
Vanadium (V) ()	

3. RCRA/Hazardous wastes

Ignitability (Flash Pt.) ()	Corrosivity ()
Reactivity (CN & S) ()	TCLP ()
RCRA Metals ()	Organics-Pest/Herb ()
Organics-BNA ()	Organics-VOA ()
TOX ()	

4. Specific Organics

Volatiles ()	Semi-Volatiles (BNA) ()
Pesticides/PCB's ()	PCB's Only ()
Herbicides ()	TPH/Diesel (TPH/D) ()
BTEX ()	TTO ()
TTO & Dioxin ()	OTHER (Specify) ()

5. Microbiology

Fecal Coliform ()	Total Coliform ()
--------------------	--------------------

Comments:

Asbestos Bulk.

BECKTON ENVIRONMENTAL LABORATORIES

192 Villa Street ♦ Ponce, PR 00731

Tel.: 809-841-7373 ♦ Fax.: 809-841-7313

Original

GE_CARIBE001745

PROCEDURE FOR FILLING CHAIN OF CUSTODY FORM

[Ref.: Beckton's Environmental Laboratories SOP Number 5.0 adopted on May 24, 1995]

Scope And Application

This procedure is necessary to insure the validity of the data. Due to the evidentiary nature of samples collected during enforcement investigations, possession must be traceable from the time the samples are collected until they are introduced as evidence in legal proceedings.

Definition

According to the USEPA Office of Enforcement and Compliance Monitoring National Enforcement Investigation Center (NEIC) Policies and Procedures, May 1978 and revised on May 1986, a sample is under custody if:

1. it is in your possession, or
2. it is in your view, after being in your possession, or
3. it was in your possession and you locked it up, or
4. it is in a designated secure area.

Possession must be traceable from the time the samples are collected until they are finally disposed.

Procedure for filling chain-of-custody forms

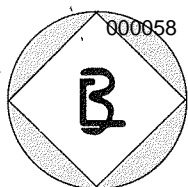
Chain of custody shall be completed using black waterproof ink. The information recorded should include:

Project Number:	A number given to the project, optional.
Company:	The name of the Company. If there are companies with the same name, specify the city (place). Site where samples are obtained or specific project for which samples are collected.
Sampler:	Each sampler is identified.
BEL ID Number:	Laboratory Identification Number unique for each sample and assigned by Beckton.
Control No.:	A number assigned by Beckton for the purpose of sample tracking and invoicing. Customers will utilize this number for determining status of samples.
Date:	A six digit number indicating day of collection, month and the year.
Time:	A four digit number indicating time of collection; military time must be preferably employed. AM and PM should be stated in case normal time is employed.
Sample matrix:	Check appropriate space for the following sample matrix: water; solid; air; sludge, soil, solid, mixed waste, or other. In the event other is selected specify the sample matrix.
Sample type:	Write either an "x" or "xx" in the corresponding space next to the parameter. Sample types: xx- composite; x- grab.
Comments:	Sampler should specify field observations or abnormal conditions. For example: If spilt, trip blanks, field blanks or duplicates samples were taken.
Analysis:	Each parameter to be analyzed should be marked with an "X" or "XX"
Relinquished and received by:	When transferring the possession of samples the individuals relinquishing and receiving will sign, date, and note the time. This record documents sample custody transfer from the sampler, often through another person, to the laboratory. Each signature should be legible. If not legible, print name above signature.

- Note:
- (1) The field sampler is personally responsible for the care and custody of samples collected. As few people as possible should handle samples. When in-site measurements are made, the data are recorded directly in the chain-of-custody. For example: pH, temperature, dissolved oxygen, residual chlorine and flow measurements. If errors are made when completing any of these forms, the error must be crossed out with a single line and initialed and dated by the sampler.
 - (2) Beckton Environmental Laboratories follows SOP's for sampling, preservation and handling of samples. These procedures are of utmost importance if test values are representative of the source sample. Correct analytical methods are always employed.
 - (3) If a sample is found to be toxic (as per appropriate RCRA regulation) it will be returned to the client for proper disposal.
 - (4) The following preservatives must be always employed:
Refrigeration, 4°C for all samples; HNO₃ for trace metals, hardness and radioactivity; NaOH for cyanides; H₂SO₄ for phenolics, ammonia nitrogen, TKN, oil & grease, and phosphorus; Zn Acetate for sulfides. Other parameters are preserved as per appropriate SOP.

U.S. Environmental Protection Agency. NPDES Compliance Evaluation Inspection (MCD-75) Manual, Enforcement Division Office of Water Enforcement, Compliance Branch, Enforcement Division (EN-338), Washington, D.C. EPA January, 1981.

Florida Department of Environmental Protection, Comprehensive QA/QC, 1992.



BECKTON ENVIRONMENTAL

LABORATORIES, INC.

ANALYSIS REPORT

SAMPLE IDENTIFICATION: Dron #67
G.E., Juana Díaz

Dicember 4, 1996

Lab Name: Beckton Environmental Laboratories
Sampler: W. Orengo
Matrix: Solid

Lab. sample ID: BEL-23527

Sample wt/vol: 200/25.0 (g/mL) g

Lab. File ID: 23527TCL

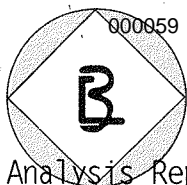
Column: (pack/cap) capillary

Date Received: 11/18/96
Date Extracted: 11/19/96
Date Analyzed: 11/23/96 (V)
12/02/96 (H)
11/24/96 (P)

MAXIMUM CONCENTRATION OF CONTAMINANTS FOR CHARACTERISTIC OF TCLP TOXICITY

EPA HAZARADOUS WASTE NUMBER	CONTAMINANT	RESULTS (mg/L)	DETECTION LIMIT (mg/L)	REGULATORY LEVEL (mg/L)
METALS (SW-846 6010/7470)				
D004	Arsenic	N.D.	0.002	5.0
D005	Barium	0.0991	0.0009	100.0
D006	Cadmium	0.0577	0.00015	1.0
D007	Chromium	0.0075	0.0006	5.0
D008	Lead	0.0207	0.002	5.0
D009	Mercury	0.0280	0.0004	0.2
D010	Selenium	0.0091	0.002	1.0
D011	Silver	0.0020	0.00075	5.0
PESTICIDES (SW-846 8080)				
D020	Chlordane	N.D.	0.002	0.03
D012	Endrin	N.D.	0.002	0.02
D031	Heptachlor (and its OH)	N.D.	0.0005	0.008
D013	Lindane	N.D.	0.004	0.4
D014	Methoxychlor	N.D.	0.010	10.0
D015	Toxaphene	N.D.	0.025	0.5

N.D. - not detected



BECKTON ENVIRONMENTAL

LABORATORIES, INC.

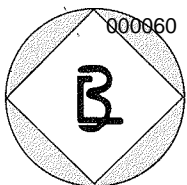
Analysis Report

Page -2-

SAMPLE IDENTIFICATION: BEL-23527

EPA HAZRDOUS WASTE NUMBER	CONTAMINANT	RESULTS (mg/L)	DETECTION LIMIT (mg/L)	REGULATORY LEVEL (mg/L)
HERBICIDES (SW-846 8150)				
D016	2,4-D	N.D.	.25	10.0
D017	2,4,5-TP (Silvex)	N.D.	.05	1.0
VOLATILE ORGANICS (SW-846 8010; 8015; 8021)				
D018	Benzene	N.D.	.040	0.5
D019	Carbon Tetrachloride	N.D.	.040	0.5
D021	Chlorobenzene	N.D.	.040	100.0
D022	Chloroform	N.D.	.040	6.0
D027	1,4-Dichlorobenzene	0.0523	.040	7.5
D028	1,2-Dichloroethane	N.D.	.040	0.5
D029	1,1-Dichloroethylene	N.D.	.040	0.7
D035	Methyl Ethyl Ketone	N.D.	5.00	200.0
D039	Tetrachloroethylene	N.D.	.040	0.7
D040	Trichloroethylene	N.D.	.040	0.5
D043	Vinyl Chloride	N.D.	.020	0.2

N.D. - not detected



BECKTON ENVIRONMENTAL
LABORATORIES, INC.

Analysis Report
Page -3-

SAMPLE IDENTIFICATION: BEL-23527

IGNITABILITY: Hazardous Waste Number D 001

Flash point. Not applicable. The U.S. Environmental Protection Agency have not published a method to determine flammability of solid samples.

The samples identified above does not have any of the properties defined and assigned to ignitable liquid wastes.

CORROSIVITY: Hazardous Wastes Number D 002

Sample does not exhibit the characteristics of corrosivity according to U.S. Environmental Protection Agency, Manual SW 846, "Test Methods for Evaluating Solid Wastes".

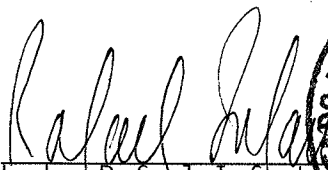
pH not applicable. However, for handling purposes the pH of the sample measured in water was 7.34 at 24° C.

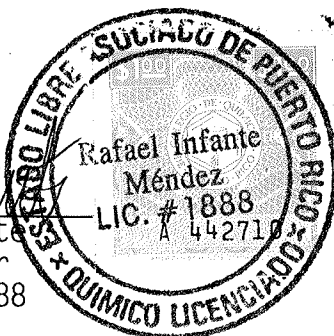
REACTIVITY: Hazardous Wastes Number D 003

Sample does not exhibit the characteristics of reactivity according to U.S. Environmental Protection Agency, Manual SW 846, "Test Methods for Evaluating Solid Wastes".

Sulfide	< 10	ppm (500 ppm limit)
Cyanide	< 10	ppm (250 ppm limit)

Certification and release of the data contained in this Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee.


Lcdo. Rafael Infante
Laboratory Director
Chemist License 1888



CHAIN OF CUSTODY RECORD

PROJECT NO.	COMPANY <u>G.E. Juana Diaz</u>	SAMPLER <u>W. Orenso</u>	
SAMPLE LOCATION/CLIENT ID	<u>Dron #67</u>	TIME	<u>2:05pm</u>
SAMPLE DATE	<u>11-18-96</u>	BEL. NO.	<u>23527</u>
		CONTROL NO. <u>10997</u>	

1. General Environmental:

Acidity	()	Alkalinity	()
Ammonia as N	()	Bicarbonate	()
BOD-5	()	Bromide	()
Chloride	()	Chlorine, Res.	()
COD	()	Color (ADMI)	()
Conductivity	()	Color (Pt-Co)	()
Dissolved Oxygen	()	Cyanide	()
Hardness	()	Fluoride	()
Moisture %	()	Iodine	()
Nitrite	()	Nitrate	()
Oil + Grease	()	Nitrate + Nitrite	()
Phenol	()	pH	().....
Phosphorus, Total	()	Phosphate, Ortho	()
Sett. Solids mg/L	()	Sett. Solids mL/L	()
Sulfate	()	Solids, Total	()
Sulfite	()	Sulfide	()
TDS	()	Surfactant	()
Temperature	().....	TSS	()
TOC	()	TKN	()
Asbestos in air	()	Turbidity	()

Relinquished by:

Gancy LefeuiraDate/Time: 11-18-96 2:40p.m.

Received by:

Walt OrensoDate/Time: 11-18-96 2:40pm

Relinquished by:

Walt OrensoDate/Time: 11-18-96 3:25pm

Received by:

Carol BermudezDate/Time: 11/18/96 5:01 PM

Matrix:

air	()
water	()
sludge	()
soil	()
solid	(X)
oil	()
mixed	()
other	() Specify: _____

Turnaround time:

1 day	()
2 days	()
3 days	()
5 days	()

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders

Sample type legend:

grab samples	x
composite samples	xx

2. Metals

Aluminum	(Al)	()	Cadmium	(Cd)	()
Chromium	(Cr)	()	Copper	(Cu)	()
Iron	(Fe)	()	Lead	(Pb)	()
Manganese	(Mn)	()	Mercury	(Hg)	()
Nickel	(Ni)	()	Selenium	(Se)	()
Silver	(Ag)	()	Tin	(Sn)	()
Zinc	(Zn)	()	Arsenic	(As)	()
Barium	(Ba)	()	Boron	(B)	()
Antimony	(Sb)	()	Beryllium	(Be)	()
Bismuth	(Bi)	()	Calcium	(Ca)	()
Chromium, VI	(CrVI)	()	Cobalt	(Co)	()
Magnesium	(Mg)	()	Molybdenum	(Mo)	()
Potassium	(K)	()	Silicon	(Si)	()
Sodium	(Na)	()	Strontium	(Sr)	()
Thallium	(Tl)	()	Titanium	(Ti)	()
Vanadium	(V)	()			

3. RCRA/Hazardous wastes

Ignitability (Flash Pt.)	(X)	Corrosivity	(X)
Reactivity (CN & S)	(X)	TCLP	(X)
RCRA Metals	(X)	Organics-Pest/Herb	(X)
Organics-BNA	(X)	Organics-VOA	(X)
TOX	()		

4. Specific Organics

Volatiles	()	Semi-Volatiles (BNA)	()
Pesticides/PCB's	()	PCB's Only	()
Herbicides	()	TPH/Diesel (TPH/D)	()
BTEX	()	TTO	()
TTO & Dioxin	()	OTHER (Specify)	()

5. Microbiology

Fecal Coliform	()	Total Coliform	()
----------------	-----	----------------	-----

Comments:

Field Blk 23533Trip Blk 23534

BECKTON ENVIRONMENTAL LABORATORIES

192 Villa Street ♦ Ponce, PR 00731

Tel.: 809-841-7373 ♦ Fax.: 809-841-7313

Original

GE_CARIBE001750

PROCEDURE FOR FILLING CHAIN OF CUSTODY FORM

[Ref.: Beckton's Environmental Laboratories SOP Number 5.0 adopted on May 24, 1995]

Scope And Application

This procedure is necessary to insure the validity of the data. Due to the evidentiary nature of samples collected during enforcement investigations, possession must be traceable from the time the samples are collected until they are introduced as evidence in legal proceedings.

Definition

According to the USEPA Office of Enforcement and Compliance Monitoring National Enforcement Investigation Center (NEIC) Policies and Procedures, May 1978 and revised on May 1986, a sample is under custody if:

1. it is in your possession, or
2. it is in your view, after being in your possession, or
3. it was in your possession and you locked it up, or
4. it is in a designated secure area.

Possession must be traceable from the time the samples are collected until they are finally disposed.

Procedure for filling chain-of-custody forms

Chain of custody shall be completed using black waterproof ink. The information recorded should include:

Project Number:

A number given to the project, optional.

Company:

The name of the Company. If there are companies with the same name, specify the city (place). Site where samples are obtained or specific project for which samples are collected.

Sampler:

Each sampler is identified.

BEL ID Number:

Laboratory Identification Number unique for each sample and assigned by Beckton.

Control No.:

A number assigned by Beckton for the purpose of sample tracking and invoicing. Customers will utilize this number for determining status of samples.

Date:

A six digit number indicating day of collection, month and the year.

Time:

A four digit number indicating time of collection; military time must be preferably employed. AM and PM should be stated in case normal time is employed.

Sample matrix:

Check appropriate space for the following sample matrix: water; solid; air; sludge, soil, solid, mixed waste, or other. In the event other is selected specify the sample matrix.

Sample type:

Write either an "x" or "xx" in the corresponding space next to the parameter. Sample types: xx- composite; x- grab.

Comments:

Sampler should specify field observations or abnormal conditions. For example: If spilt, trip blanks, field blanks or duplicate samples were taken.

Analysis:

Each parameter to be analyzed should be marked with an "X" or "XX".

Relinquished and received by:

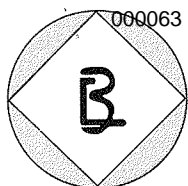
When transferring the possession of samples the individuals relinquishing and receiving will sign, date, and note the time. This record documents sample custody transfer from the sampler, often through another person, to the laboratory. Each signature should be legible. If not legible, print name above signature.

Note:

- (1) The field sampler is personally responsible for the care and custody of samples collected. As few people as possible should handle samples. When in-site measurement are made, the data are recorded directly in the chain-of-custody. For example: pH, temperature, dissolved oxygen, residual chlorine and flow measurements. If errors are made when completing any of these forms, the error must be crossed out with a single line and initialed and dated by the sampler.
- (2) Beckton Environmental Laboratories follows SOP's for sampling, preservation and handling of samples. These procedures are of utmost importance if test values are representative of the source sample. Correct analytical methods are always employed.
- (3) If a sample is found to be toxic (as per appropriate RCRA regulation) it will be returned to the client for proper disposal.
- (4) The following preservatives must be always employed:
Refrigeration, 4°C for all samples; HNO₃ for trace metals, hardness and radioactivity; NaOH for cyanides; H₂SO₄ for phenolics, ammonia nitrogen, TKN, oil & grease, and phosphorus; Zn Acetate for sulfides. Other parameters are preserved as per appropriate SOP.

U.S. Environmental Protection Agency. NPDES Compliance Evaluation Inspection (MCD-75) Manual, Enforcement Division Office of Water Enforcement, Compliance Branch, Enforcement Division (EN-338), Washington, D.C. EPA January, 1981.

Florida Department of Environmental Protection, Comprehensive QA/QC, 1992.



BECKTON ENVIRONMENTAL
LABORATORIES, INC.

ANALYSIS REPORT

SAMPLE IDENTIFICATION: ~~Used Bio-T~~
G.E., Fab. (Juana Díaz)

December 4, 1996

Lab Name: Beckton Environmental Laboratories

Sampler : W. Orengo

Matrix : Liquid

Lab. sample ID: BEL-23528

Sample wt/vol: 25.0 g

Lab. File ID: 23528TCL

Column: (pack/cap) capillary

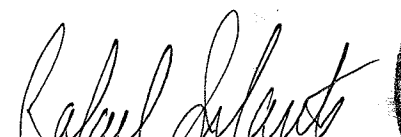
Date Received: 11/18/96

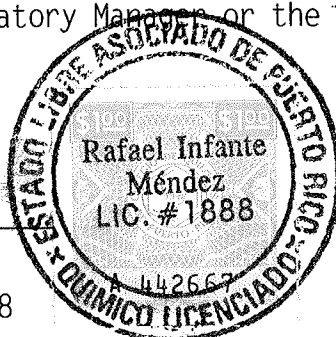
Date Analyzed: 11/25/96

MAXIMUM CONCENTRATION OF CONTAMINANTS FOR CHARACTERISTIC OF TCLP TOXICITY

EPA HAZARADOUS WASTE NUMBER	CONTAMINANT	RESULTS (mg/L)	DETECTION LIMIT (mg/L)	REGULATORY LEVEL (mg/L)
METALS (SW-846 6010\7470)				
D004	Arsenic	N.D.	0.002	5.0
D005	Barium	0.7747	0.00009	100.0
D006	Cadmium	0.1150	0.00015	1.0
D007	Chromium	0.0142	0.0006	5.0
D008	Lead	0.1739	0.002	5.0
D009	Mercury	N.D.	0.0004	0.2
D010	Selenium	0.0084	0.002	1.0
D011	Silver	N.D.	0.00075	5.0

Certification and release of the data contained in this Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee.


Lcdo. Rafael Infante
Director Laboratory
Chemist License No. 1888



CHAIN OF CUSTODY RECORD

PROJECT NO.	COMPANY <u>G.E. Jara Diaz</u>	SAMPLER <u>W. Ovengo</u>	
SAMPLE LOCATION/CLIENT ID	<u>Used Bio-T</u>	TIME <u>2:10pm</u>	CONTROL NO.
SAMPLE DATE	<u>11-18-96</u>	BEL. NO. <u>23528</u>	<u>10998</u>

1. General Environmental:

Acidity	()	Alkalinity	()
Ammonia as N	()	Bicarbonate	()
BOD-5	()	Bromide	()
Chloride	()	Chlorine, Res.	()
COD	()	Color (ADMI)	()
Conductivity	()	Color (Pt-Co)	()
Dissolved Oxygen	()	Cyanide	()
Hardness	()	Fluoride	()
Moisture %	()	Iodine	()
Nitrite	()	Nitrate	()
Oil + Grease	()	Nitrate + Nitrite	()
Phenol	()	pH	().....
Phosphorus, Total	()	Phosphate, Ortho	()
Sett. Solids mg/L	()	Sett. Solids mL/L	()
Sulfate	()	Solids, Total	()
Sulfite	()	Sulfide	()
TDS	()	Surfactant	()
Temperature	().....	TSS	()
TOC	()	TKN	()
Asbestos in air	()	Turbidity	()

Relinquished by:

Gancy LefeiraDate/Time: 11-18-96 2:40pm

Received by:

Walt OvengoDate/Time: 11-18-96 2:40pm

Relinquished by:

Walt OvengoDate/Time: 11-18-96 3:23pm

Received by:

Carol BernierDate/Time: 11/19/96 5:03 PM

Matrix:

air	()
water	()
sludge	()
soil	()
solid	()
oil	()
mixed	()
other	(x) Specify: <u>liquido</u>

Turnaround time:

1 day	()
2 days	()
3 days	()
5 days	()

Note:

normal turnaround time is ten (10) working days; additional charges apply for rush orders

Sample type legend:

grab samples	x
composite samples	xx

2. Metals

Aluminum	(Al)	()	Cadmium	(Cd)	()
Chromium	(Cr)	()	Copper	(Cu)	()
Iron	(Fe)	()	Lead	(Pb)	()
Manganese	(Mn)	()	Mercury	(Hg)	()
Nickel	(Ni)	()	Selenium	(Se)	()
Silver	(Ag)	()	Tin	(Sn)	()
Zinc	(Zn)	()	Arsenic	(As)	()
Barium	(Ba)	()	Boron	(B)	()
Antimony	(Sb)	()	Beryllium	(Be)	()
Bismuth	(Bi)	()	Calcium	(Ca)	()
Chromium, VI	(CrVI)	()	Cobalt	(Co)	()
Magnesium	(Mg)	()	Molybdenum	(Mo)	()
Potassium	(K)	()	Silicon	(Si)	()
Sodium	(Na)	()	Strontium	(Sr)	()
Thallium	(Tl)	()	Titanium	(Ti)	()
Vanadium	(V)	()			

3. RCRA/Hazardous wastes

Ignitability (Flash Pt.)	()	Corrosivity	()
Reactivity (CN & S)	()	TCLP	(x) metals
RCRA Metals	()	Organics-Pest/Herb	()
Organics-BNA	()	Organics-VOA	()
TOX	()		

4. Specific Organics

Volatiles	()	Semi-Volatiles (BNA)	()
Pesticides/PCB's	()	PCB's Only	()
Herbicides	()	TPH/Diesel (TPH/D)	()
BTEX	()	TTO	()
TTO & Dioxin	()	OTHER (Specify)	()

5. Microbiology

Fecal Coliform	()	Total Coliform	()
----------------	-----	----------------	-----

Comments:

BECKTON ENVIRONMENTAL LABORATORIES

192 Villa Street ♦ Ponce, PR 00731

Tel.: 809-841-7373 ♦ Fax.: 809-841-7313

Original

GE_CARIBE001753

PROCEDURE FOR FILLING CHAIN OF CUSTODY FORM

[Ref.: Beckton's Environmental Laboratories SOP Number 5.0 adopted on May 24, 1995]

Scope And Application

This procedure is necessary to insure the validity of the data. Due to the evidentiary nature of samples collected during enforcement investigations, possession must be traceable from the time the samples are collected until they are introduced as evidence in legal proceedings.

Definition

According to the USEPA Office of Enforcement and Compliance Monitoring National Enforcement Investigation Center (NEIC) Policies and Procedures, May 1978 and revised on May 1986, a sample is under custody if:

1. it is in your possession, or
2. it is in your view, after being in your possession, or
3. it was in your possession and you locked it up, or
4. it is in a designated secure area.

Possession must be traceable from the time the samples are collected until they are finally disposed.

Procedure for filling chain-of-custody forms

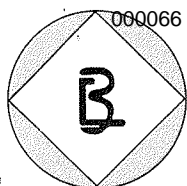
Chain of custody shall be completed using black waterproof ink. The information recorded should include:

Project Number:	A number given to the project, optional.
Company:	The name of the Company. If there are companies with the same name, specify the city (place). Site where samples are obtained or specific project for which samples are collected.
Sampler:	Each sampler is identified.
BEL ID Number:	Laboratory Identification Number unique for each sample and assigned by Beckton.
Control No.:	A number assigned by Beckton for the purpose of sample tracking and invoicing. Customers will utilize this number for determining status of samples.
Date:	A six digit number indicating day of collection, month and the year.
Time:	A four digit number indicating time of collection; military time must be preferably employed. AM and PM should be stated in case normal time is employed.
Sample matrix:	Check appropriate space for the following sample matrix: water; solid; air; sludge, soil, solid, mixed waste, or other. In the event other is selected specify the sample matrix.
Sample type:	Write either an "x" or "xx" in the corresponding space next to the parameter. Sample types: xx- composite; x- grab.
Comments:	Sampler should specify field observations or abnormal conditions. For example: If spilt, trip blanks, field blanks or duplicates samples were taken.
Analysis:	Each parameter to be analyzed should be marked with an "X" or "XX"
Relinquished and received by:	When transferring the possession of samples the individuals relinquishing and receiving will sign, date, and note the time. This record documents sample custody transfer from the sampler, often through another person, to the laboratory. Each signature should be legible. If not legible, print name above signature.

- Note:
- (1) The field sampler is personally responsible for the care and custody of samples collected. As few people as possible should handle samples. When in-site measurement are made, the data are recorded directly in the chain-of-custody. For example: pH, temperature, dissolved oxygen, residual chlorine and flow measurements. If errors are made when completing any of these forms, the error must be crossed out with a single line and initialed and dated by the sampler.
 - (2) Beckton Environmental Laboratories follows SOP's for sampling, preservation and handling of samples. These procedures are of utmost importance if test values are representative of the source sample. Correct analytical methods are always employed.
 - (3) If a sample is found to be toxic (as per appropriate RCRA regulation) it will be returned to the client for proper disposal.
 - (4) The following preservatives must be always employed:
Refrigeration, 4°C for all samples; HNO₃ for trace metals, hardness and radioactivity; NaOH for cyanides; H₂SO₄ for phenolics, ammonia nitrogen, TKN, oil & grease, and phosphorus; Zn Acetate for sulfides. Other parameters are preserved as per appropriate SOP.

U.S. Environmental Protection Agency. NPDES Compliance Evaluation Inspection (MCD-75) Manual, Enforcement Division Office of Water Enforcement, Compliance Branch, Enforcement Division (EN-338), Washington, D.C. EPA January, 1981.

Florida Department of Environmental Protection, Comprehensive QA/QC, 1992.



BECKTON ENVIRONMENTAL

LABORATORIES, INC.

ANALYSIS REPORT

SAMPLE IDENTIFICATION: Dron #61
G.E., Juana Díaz

Dicember 6, 1996

Lab Name: Beckton Environmental Laboratories
Sampler: W. Orengo
Matrix: Solid

Lab. sample ID: BEL-23529

Sample wt/vol: 200/25.0 (g/mL) g

Lab. File ID: 23529TCL

Column: (pack/cap) capillary


Date Received: 11/18/96
Date Extracted: 11/19/96
Date Analyzed: 12/05/96 (SV)

MAXIMUM CONCENTRATION OF CONTAMINANTS FOR CHARACTERISTIC OF TCLP TOXICITY

EPA HAZARADOUS WASTE NUMBER	CONTAMINANT	RESULTS (mg/L)	DETECTION LIMIT (mg/L)	REGULATORY LEVEL (mg/L)
SEMI-VOLATILE ORGANICS (SW 8270)				
D023	o-Cresol	N.D.	0.002	200.0
D024	m-Cresol	N.D.	0.002	200.0
D025	p-Cresol	N.D.	0.002	200.0
D030	2,4-Dinitrotoluene	N.D.	0.002	0.13
D032	Hexachlorobenzene	N.D.	0.002	0.13
D033	Hexachloro-1,3-butadiene	N.D.	0.002	0.5
D034	Hexachloroethane	N.D.	0.002	3.0
D036	Nitrobenzene	N.D.	0.002	2.0
D037	Pentachlorophenol	N.D.	0.002	100.0
D038	Pyridine	N.D.	0.002	5.0
D041	2,4,5-Trichlorophenol	N.D.	0.002	400.0
D042	2,4,6-Trichlorophenol	N.D.	0.002	2.0

N.D.- not detected

Certification and release of the data contained in this Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee.


Lcdo. Rafael Infante
Laboratory Director
Chemist License 1888



192 VILLA STREET
PONCE, P.R. 00731

TEL: (787) 841-7373
FAX (787) 841-7313

GE_CARIBE001755



BECKTON ENVIRONMENTAL

LABORATORIES, INC.

ANALYSIS REPORT

SAMPLE IDENTIFICATION: Dron #61
G.E., Juana Díaz

Dicember 4, 1996

Lab Name: Beckton Environmental Laboratories
Sampler: W. Orengo
Matrix: Solid

Lab. sample ID: BEL-23529

Sample wt/vol: 200/25.0 (g/mL) g

Lab. File ID: 23529TCL

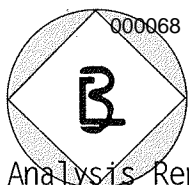
Column: (pack/cap) capillary

Date Received: 11/18/96
Date Extracted: 11/19/96
Date Analyzed: 11/23/96 (V)
11/28/96 (H)
11/24/96 (P)

MAXIMUM CONCENTRATION OF CONTAMINANTS FOR CHARACTERISTIC OF TCLP TOXICITY

EPA HAZARADOUS WASTE NUMBER	CONTAMINANT	RESULTS (mg/L)	DETECTION LIMIT (mg/L)	REGULATORY LEVEL (mg/L)
METALS (SW-846 6010/7470)				
D004	Arsenic	0.0111	0.002	5.0
D005	Barium	0.1441	0.0009	100.0
D006	Cadmium	0.0246	0.00015	1.0
D007	Chromium	0.0024	0.0006	5.0
D008	Lead	0.0122	0.002	5.0
D009	Mercury	0.0042	0.0004	0.2
D010	Selenium	0.0109	0.002	1.0
D011	Silver	N.D.	0.00075	5.0
PESTICIDES (SW-846 8080)				
D020	Chlordane	N.D.	0.002	0.03
D012	Endrin	N.D.	0.002	0.02
D031	Heptachlor (and its OH)	N.D.	0.0005	0.008
D013	Lindane	N.D.	0.004	0.4
D014	Methoxychlor	N.D.	0.010	10.0
D015	Toxaphene	N.D.	0.025	0.5

N.D.- not detected



BECKTON ENVIRONMENTAL

LABORATORIES, INC.

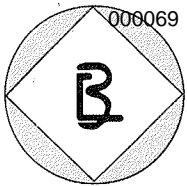
Analysis Report

Page -2-

SAMPLE IDENTIFICATION: BEL-23529

EPA HAZRDOUS WASTE NUMBER	CONTAMINANT	RESULTS (mg/L)	DETECTION LIMIT (mg/L)	REGULATORY LEVEL (mg/L)
HERBICIDES (SW-846 8150)				
D016	2,4-D	N.D.	.25	10.0
D017	2,4,5-TP (Silvex)	N.D.	.05	1.0
VOLATILE ORGANICS (SW-846 8010; 8015; 8021)				
D018	Benzene	N.D.	.040	0.5
D019	Carbon Tetrachloride	N.D.	.040	0.5
D021	Chlorobenzene	N.D.	.040	100.0
D022	Chloroform	N.D.	.040	6.0
D027	1,4-Dichlorobenzene	N.D.	.040	7.5
D028	1,2-Dichloroethane	N.D.	.040	0.5
D029	1,1-Dichloroethylene	N.D.	.040	0.7
D035	Methyl Ethyl Ketone	N.D.	5.00	200.0
D039	Tetrachloroethylene	N.D.	.040	0.7
D040	Trichloroethylene	N.D.	.040	0.5
D043	Vinyl Chloride	N.D.	.020	0.2

N.D. - not detected



BECKTON ENVIRONMENTAL

LABORATORIES, INC.

Analysis Report
Page -3-

SAMPLE IDENTIFICATION: BEL-23529

IGNITABILITY: Hazardous Waste Number D 001

Flash point. Not applicable. The U.S. Environmental Protection Agency have not published a method to determine flammability of solid samples.

The samples identified above does not have any of the properties defined and assigned to ignitable liquid wastes.

CORROSIVITY: Hazardous Wastes Number D 002

Sample does not exhibit the characteristics of corrosivity according to U.S. Environmental Protection Agency, Manual SW 846, "Test Methods for Evaluating Solid Wastes".

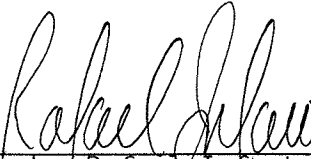
pH not applicable. However, for handling purposes the pH of the sample measured in water was 7.73 at 23° C.

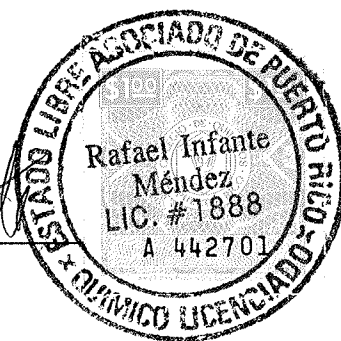
REACTIVITY: Hazardous Wastes Number D 003

Sample does not exhibit the characteristics of reactivity according to U.S. Environmental Protection Agency, Manual SW 846, "Test Methods for Evaluating Solid Wastes".

Sulfide	< 10	ppm (500 ppm limit)
Cyanide	< 10	ppm (250 ppm limit)

Certification and release of the data contained in this Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee.


Lcdo. Rafael Infante
Laboratory Director
Chemist License 1888



CHAIN OF CUSTODY RECORD

PROJECT NO.	COMPANY <i>G.E. Janna Diac</i>	SAMPLER <i>W. Ocaso</i>	
SAMPLE LOCATION/CLIENT ID	<i>Dron #61</i>	TIME	<i>2:20pm</i>
SAMPLE DATE	<i>11-18-96</i>	BEL. NO.	<i>23529</i>
		CONTROL NO. <i>10999</i>	

1. General Environmental:

Acidity ()	Alkalinity ()
Ammonia as N ()	Bicarbonate ()
BOD-5 ()	Bromide ()
Chloride ()	Chlorine, Res. ()
COD ()	Color (ADMI) ()
Conductivity ()	Color (Pt-Co) ()
Dissolved Oxygen ()	Cyanide ()
Hardness ()	Fluoride ()
Moisture % ()	Iodine ()
Nitrite ()	Nitrate ()
Oil + Grease ()	Nitrate + Nitrite ()
Phenol ()	pH ().....
Phosphorus, Total ()	Phosphate, Ortho ()
Sett. Solids mg/L ()	Sett. Solids mL/L ()
Sulfate ()	Solids, Total ()
Sulfite ()	Sulfide ()
TDS ()	Surfactant ()
Temperature ().....	TSS ()
TOC ()	TKN ()
Asbestos in air ()	Turbidity ()

2. Metals

Aluminum (Al) ()	Cadmium (Cd) ()
Chromium (Cr) ()	Copper (Cu) ()
Iron (Fe) ()	Lead (Pb) ()
Manganese (Mn) ()	Mercury (Hg) ()
Nickel (Ni) ()	Selenium (Se) ()
Silver (Ag) ()	Tin (Sn) ()
Zinc (Zn) ()	Arsenic (As) ()
Barium (Ba) ()	Boron (B) ()
Antimony (Sb) ()	Beryllium (Be) ()
Bismuth (Bi) ()	Calcium (Ca) ()
Chromium, VI (CrVI) ()	Cobalt (Co) ()
Magnesium (Mg) ()	Molybdenum (Mo) ()
Potassium (K) ()	Silicon (Si) ()
Sodium (Na) ()	Strontium (Sr) ()
Thallium (Tl) ()	Titanium (Ti) ()
Vanadium (V) ()	

3. RCRA/Hazardous wastes

Ignitability (Flash Pt.) (X)	Corrosivity (X)
Reactivity (CN & S) (X)	TCLP (X)
RCRA Metals (X)	Organics-Pest/Herb (X)
Organics-BNA (X)	Organics-VOA (X)
TOX ()	

4. Specific Organics

Volatiles ()	Semi-Volatiles (BNA) ()
Pesticides/PCB's ()	PCB's Only ()
Herbicides ()	TPH/Diesel (TPH/D) ()
BTEX ()	TTO ()
TTO & Dioxin ()	OTHER (Specifv) ()

5. Microbiology

Fecal Coliform ()	Total Coliform ()
--------------------	--------------------

Comments:

Relinquished by:

*Yancy Lefura*Date/Time: *11-18-96 2:40pm*

Received by:

*Walt Ogo*Date/Time: *11-18-96 2:40pm*

Relinquished by:

*Walt Ogo*Date/Time: *11-18-96 3:25pm*

Received by:

*Paral Bermudez*Date/Time: *11/18/96 5:04PM*

Matrix:

air ()
water ()
sludge ()
soil ()
solid (X)
oil ()
mixed ()
other () Specify: _____

Turnaround time:

1 day ()
2 days ()
3 days ()
5 days ()

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders

Sample type legend:

grab samples	x
composite samples	xx

BECKTON ENVIRONMENTAL LABORATORIES

192 Villa Street ♦ Ponce, PR 00731

Tel.: 809-841-7373 ♦ Fax.: 809-841-7313

Original

GE_CARIBE001759

PROCEDURE FOR FILLING CHAIN OF CUSTODY FORM

[Ref.: Beckton's Environmental Laboratories SOP Number 5.0 adopted on May 24, 1995]

Scope And Application

This procedure is necessary to insure the validity of the data. Due to the evidentiary nature of samples collected during enforcement investigations, possession must be traceable from the time the samples are collected until they are introduced as evidence in legal proceedings.

Definition

According to the USEPA Office of Enforcement and Compliance Monitoring National Enforcement Investigation Center (NEIC) Policies and Procedures, May 1978 and revised on May 1986, a sample is under custody if:

1. it is in your possession, or
2. it is in your view, after being in your possession, or
3. it was in your possession and you locked it up, or
4. it is in a designated secure area.

Possession must be traceable from the time the samples are collected until they are finally disposed.

Procedure for filling chain-of-custody forms

Chain of custody shall be completed using black waterproof ink. The information recorded should include:

Project Number:

A number given to the project, optional.

Company:

The name of the Company. If there are companies with the same name, specify the city (place). Site where samples are obtained or specific project for which samples are collected.

Sampler:

Each sampler is identified.

BEL ID Number:

Laboratory Identification Number unique for each sample and assigned by Beckton.

Control No.:

A number assigned by Beckton for the purpose of sample tracking and invoicing. Customers will utilize this number for determining status of samples.

Date:

A six digit number indicating day of collection, month and the year.

Time:

A four digit number indicating time of collection; military time must be preferably employed. AM and PM should be stated in case normal time is employed.

Sample matrix:

Check appropriate space for the following sample matrix: water; solid; air; sludge, soil, solid, mixed waste, or other. In the event other is selected specify the sample matrix.

Sample type:

Write either an "x" or "xx" in the corresponding space next to the parameter. Sample types: xx- composite; x- grab.

Comments:

Sampler should specify field observations or abnormal conditions. For example: If spilt, trip blanks, field blanks or duplicates samples were taken.

Analysis:

Each parameter to be analyzed should be marked with an "X" or "XX".

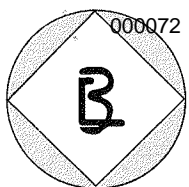
Relinquished and received by:

When transferring the possession of samples the individuals relinquishing and receiving will sign, date, and note the time. This record documents sample custody transfer from the sampler, often through another person, to the laboratory. Each signature should be legible. If not legible, print name above signature.

- Note: (1) The field sampler is personally responsible for the care and custody of samples collected. As few people as possible should handle samples. When in-site measurement are made, the data are recorded directly in the chain-of-custody. For example: pH, temperature, dissolved oxygen, residual chlorine and flow measurements. If errors are made when completing any of these forms, the error must be crossed out with a single line and initialed and dated by the sampler.
- (2) Beckton Environmental Laboratories follows SOP's for sampling, preservation and handling of samples. These procedures are of utmost importance if test values are representative of the source sample. Correct analytical methods are always employed.
- (3) If a sample is found to be toxic (as per appropriate RCRA regulation) it will be returned to the client for proper disposal.
- (4) The following preservatives must be always employed:
Refrigeration, 4°C for all samples; HNO₃ for trace metals, hardness and radioactivity; NaOH for cyanides; H₂SO₄ for phenolics, ammonia nitrogen, TKN, oil & grease, and phosphorus; Zn Acetate for sulfides. Other parameters are preserved as per appropriate SOP.

U.S. Environmental Protection Agency. NPDES Compliance Evaluation Inspection (MCD-75) Manual, Enforcement Division Office of Water Enforcement, Compliance Branch, Enforcement Division (EN-338), Washington, D.C. EPA January, 1981.

Florida Department of Environmental Protection, Comprehensive QA/QC, 1992.



BECKTON ENVIRONMENTAL

LABORATORIES, INC.

ANALYSIS REPORT

SAMPLE IDENTIFICATION: Drum #56
G.E., Fab. (Juana Díaz)

December 6, 1996

Lab Name: Beckton Environmental Laboratories

Sampler: W. Orengo

Matrix: Liquid

Lab. sample ID: BEL-23530

Sample wt/vol: 1000/5.0 (g/mL) mL

Lab. File ID: 23530TCL

Column: (pack/cap) capillary

Date Received: 11/18/96

Date Analyzed: 12/05/96 (SV)

MAXIMUM CONCENTRATION OF CONTAMINANTS FOR CHARACTERISTIC OF TCLP TOXICITY

EPA HAZARADOUS WASTE NUMBER	CONTAMINANT	RESULTS (mg/L)	DETECTION LIMIT (mg/L)	REGULATORY LEVEL (mg/L)
--------------------------------	-------------	--------------------	-------------------------------	--------------------------------

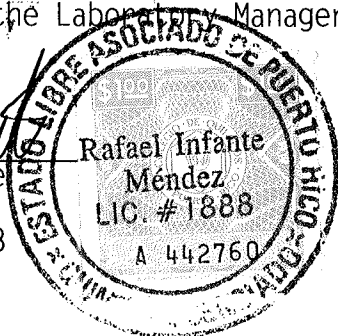
SEMI-VOLATILE ORGANICS (SW 8270)

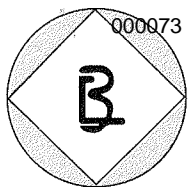
D023	o-Cresol	N.D.	0.002	200.0
D024	m-Cresol	N.D.	0.002	200.0
D025	p-Cresol	N.D.	0.002	200.0
D030	2,4-Dinitrotoluene	N.D.	0.002	0.13
D032	Hexachlorobenzene	N.D.	0.002	0.13
D033	Hexachloro-1,3-butadiene	N.D.	0.002	0.5
D034	Hexachloroethane	N.D.	0.002	3.0
D036	Nitrobenzene	N.D.	0.002	2.0
D037	Pentachlorophenol	N.D.	0.002	100.0
D038	Pyridine	N.D.	0.002	5.0
D041	2,4,5-Trichlorophenol	N.D.	0.002	400.0
D042	2,4,6-Trichlorophenol	N.D.	0.002	2.0

N.D. - not detected

Certification and release of the data contained in this Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee.

Rafael Infante
Lcdo. Rafael Infante
Laboratory Director
Chemist License 1888





BECKTON ENVIRONMENTAL

LABORATORIES, INC.

ANALYSIS REPORT

SAMPLE IDENTIFICATION: Drum #56
G.E., Fab. (Juana Díaz)

December 4, 1996

Lab Name: Beckton Environmental Laboratories

Sampler: W. Orengo

Matrix: Liquid

Lab. sample ID: BEL-23530

Sample wt/vol: 1000/5.0 (g/mL) mL

Lab. File ID: 23530TCL

Column: (pack/cap) capillary

Date Received: 11/18/96

Date Analyzed: 11/23/96 (V)

12/01/96 (H)

11/28/96 (P)

MAXIMUM CONCENTRATION OF CONTAMINANTS FOR CHARACTERISTIC OF TCLP TOXICITY

EPA HAZARADOUS WASTE NUMBER	CONTAMINANT	RESULTS (mg/L)	DETECTION LIMIT (mg/L)	REGULATORY LEVEL (mg/L)
--------------------------------	-------------	--------------------	-------------------------------	--------------------------------

METALS (SW-846 6010/7470)

D004	Arsenic	N.D.	0.002	5.0
D005	Barium	0.0762	0.00009	100.0
D006	Cadmium	0.0002	0.00015	1.0
D007	Chromium	N.D.	0.0006	5.0
D008	Lead	0.0117	0.002	5.0
D009	Mercury	N.D.	0.0004	0.2
D010	Selenium	0.0083	0.002	1.0
D011	Silver	N.D.	0.00075	5.0

PESTICIDES (SW-846 8080)

D020	Chlordane	N.D.	0.002	0.03
D012	Endrin	N.D.	0.002	0.02
D031	Heptachlor (and its OH)	N.D.	0.0005	0.008
D013	Lindane	N.D.	0.004	0.4
D014	Methoxychlor	N.D.	0.010	10.0
D015	Toxaphene	N.D.	0.025	0.5

N.D. - not detected



BECKTON ENVIRONMENTAL

LABORATORIES, INC.

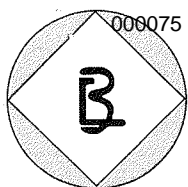
Analysis Report

Page -2-

SAMPLE IDENTIFICATION: BEL-23530

EPA HAZRDOUS WASTE NUMBER	CONTAMINANT	RESULTS (mg/L)	DETECTION LIMIT (mg/L)	REGULATORY LEVEL (mg/L)
HERBICIDES (SW-846 8150)				
D016	2,4-D	N.D.	.25	10.0
D017	2,4,5-TP (Silvex)	N.D.	.10	1.0
VOLATILE ORGANICS (SW-846 8010; 8015; 8021)				
D018	Benzene	N.D.	.040	0.5
D019	Carbon Tetrachloride	N.D.	.040	0.5
D021	Chlorobenzene	N.D.	.040	100.0
D022	Chloroform	N.D.	.040	6.0
D027	1,4-Dichlorobenzene	N.D.	.040	7.5
D028	1,2-Dichloroethane	N.D.	.040	0.5
D029	1,1-Dichloroethylene	N.D.	.040	0.7
D035	Methyl Ethyl Ketone	N.D.	5.00	200.0
D039	Tetrachloroethylene	N.D.	.040	0.7
D040	Trichloroethylene	N.D.	.040	0.5
D043	Vinyl Chloride	N.D.	.020	0.2

N.D. - not detected



BECKTON ENVIRONMENTAL

LABORATORIES, INC.

Analysis Report
Page -3-

SAMPLE IDENTIFICATION: BEL-23530

HAZARDOUS CHARACTERISTICS

IGNITABILITY: Hazardous Waste Number D 001

The sample does NOT exhibit the characteristic of ignitability according to the U.S. Environmental Protection Agency, Manual SW 846, "Test Methods for Evaluating Solid Wastes".

Flash point >140 °F

CORROSITIVITY: Hazardous Wastes Number D 002

The sample does not exhibit the characteristic of corrosivity according to the U.S. Environmental Protection Agency, Manual SW 846, "Test Methods for Evaluating Solid Wastes".


The pH of the sample was 9.55 S.U. @ 18°C.

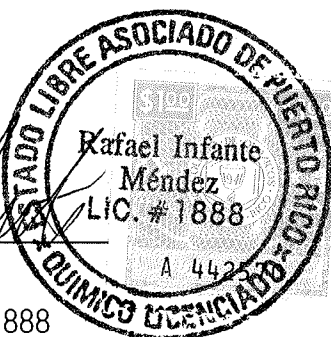
REACTIVITY: Hazardous Wastes Number D 003

Sample does not exhibit the characteristics of reactivity according to U.S. Environmental Protection Agency, Manual SW 846, "Test Methods for Evaluating Solid Wastes".

Sulfide	< 10	ppm (500 ppm limit)
Cyanide	< 10	ppm (250 ppm limit)

Certification and release of the data contained in this Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee.


Lcdo. Rafael Infante
Laboratory Director
Chemist License No. 1888



CHAIN OF CUSTODY RECORD

PROJECT NO.	COMPANY <u>GE - Juana Diaz</u>	SAMPLER <u>W. Drenzo</u>	
SAMPLE LOCATION/CLIENT ID	<u>DREN # 56</u>	TIME	<u>2:35pm</u>
SAMPLE DATE	<u>11-18-96</u>	BEL. NO.	<u>23530</u>
		CONTROL NO. <u>11000</u>	

1. General Environmental:

Acidity ()	Alkalinity ()
Ammonia as N ()	Bicarbonate ()
BOD-5 ()	Bromide ()
Chloride ()	Chlorine, Res. ()
COD ()	Color (ADMI) ()
Conductivity ()	Color (Pt-Co) ()
Dissolved Oxygen ()	Cyanide ()
Hardness ()	Fluoride ()
Moisture % ()	Iodine ()
Nitrite ()	Nitrate ()
Oil + Grease ()	Nitrate + Nitrite ()
Phenol ()	pH ().....
Phosphorus, Total ()	Phosphate, Ortho ()
Sett. Solids mg/L ()	Sett. Solids mL/L ()
Sulfate ()	Solids, Total ()
Sulfite ()	Sulfide ()
TDS ()	Surfactant ()
Temperature ().....	TSS ()
TOC ()	TKN ()
Asbestos in air ()	Turbidity ()

Relinquished by:

Yancy Lefira
Date/Time: 11-18-96 2:40p.m.

Received by:

Walter Drenzo
Date/Time: 11-18-96 2:40pm

Relinquished by:

Walter Drenzo
Date/Time: 11-18-96 3:25pm

Received by:

Janet Bermudez
Date/Time: 11/18/96 5:05PM

Matrix:

air ()
water ()
sludge ()
soil ()
solid ()
oil ()
mixed ()
other (x) Specify: liquids

Turnaround time:

1 day ()
2 days ()
3 days ()
5 days ()

Note:

normal turnaround time is ten (10) working days; additional charges apply for rush orders

Sample type legend:

grab samples x
composite samples xx

2. Metals

Aluminum (Al) ()	Cadmium (Cd) ()
Chromium (Cr) ()	Copper (Cu) ()
Iron (Fe) ()	Lead (Pb) ()
Manganese (Mn) ()	Mercury (Hg) ()
Nickel (Ni) ()	Selenium (Se) ()
Silver (Ag) ()	Tin (Sn) ()
Zinc (Zn) ()	Arsenic (As) ()
Barium (Ba) ()	Boron (B) ()
Antimony (Sb) ()	Beryllium (Be) ()
Bismuth (Bi) ()	Calcium (Ca) ()
Chromium, VI (CrVI) ()	Cobalt (Co) ()
Magnesium (Mg) ()	Molybdenum (Mo) ()
Potassium (K) ()	Silicon (Si) ()
Sodium (Na) ()	Strontium (Sr) ()
Thallium (Tl) ()	Titanium (Ti) ()
Vanadium (V) ()	

3. RCRA/Hazardous wastes

Ignitability (Flash Pt.) (X)	Corrosivity (X)
Reactivity (CN & S) (X)	TCLP (X)
RCRA Metals (X)	Organics-Pest/Herb (X)
Organics-BNA (X)	Organics-VOA (X)
TOX ()	

4. Specific Organics

Volatiles ()	Semi-Volatiles (BNA) ()
Pesticides/PCB's ()	PCB's Only ()
Herbicides ()	TPH/Diesel (TPH/D) ()
BTEX ()	TTO ()
TTO & Dioxin ()	OTHER (Specify) _____ ()

5. Microbiology

Fecal Coliform ()	Total Coliform ()
--------------------	--------------------

Comments:

BECKTON ENVIRONMENTAL LABORATORIES

192 Villa Street ♦ Ponce, PR 00731

Tel.: 809-841-7373 ♦ Fax.: 809-841-7313

Original

GE_CARIBE001765

PROCEDURE FOR FILLING CHAIN OF CUSTODY FORM

[Ref.: Beckton's Environmental Laboratories SOP Number 5.0 adopted on May 24, 1995]

Scope And Application

This procedure is necessary to insure the validity of the data. Due to the evidentiary nature of samples collected during enforcement investigations, possession must be traceable from the time the samples are collected until they are introduced as evidence in legal proceedings.

Definition

According to the USEPA Office of Enforcement and Compliance Monitoring National Enforcement Investigation Center (NEIC) Policies and Procedures, May 1978 and revised on May 1986, a sample is under custody if:

1. it is in your possession, or
2. it is in your view, after being in your possession, or
3. it was in your possession and you locked it up, or
4. it is in a designated secure area.

Possession must be traceable from the time the samples are collected until they are finally disposed.

Procedure for filling chain-of-custody forms

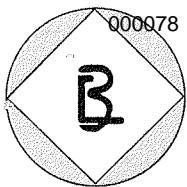
Chain of custody shall be completed using black waterproof ink. The information recorded should include:

Project Number:	A number given to the project, optional.
Company:	The name of the Company. If there are companies with the same name, specify the city (place). Site where samples are obtained or specific project for which samples are collected.
Sampler:	Each sampler is identified.
BEL ID Number:	Laboratory Identification Number unique for each sample and assigned by Beckton.
Control No.:	A number assigned by Beckton for the purpose of sample tracking and invoicing. Customers will utilize this number for determining status of samples.
Date:	A six digit number indicating day of collection, month and the year.
Time:	A four digit number indicating time of collection; military time must be preferably employed. AM and PM should be stated in case normal time is employed.
Sample matrix:	Check appropriate space for the following sample matrix: water; solid; air; sludge, soil, solid, mixed waste, or other. In the event other is selected specify the sample matrix.
Sample type:	Write either an "x" or "xx" in the corresponding space next to the parameter. Sample types: xx- composite; x- grab.
Comments:	Sampler should specify field observations or abnormal conditions. For example: If spilt, trip blanks, field blanks or duplicates samples were taken.
Analysis:	Each parameter to be analyzed should be marked with an "X" or "XX".
Relinquished and received by:	When transferring the possession of samples the individuals relinquishing and receiving will sign, date, and note the time. This record documents sample custody transfer from the sampler, often through another person, to the laboratory. Each signature should be legible. If not legible, print name above signature.

- Note:
- (1) The field sampler is personally responsible for the care and custody of samples collected. As few people as possible should handle samples. When in-site measurement are made, the data are recorded directly in the chain-of-custody. For example: pH, temperature, dissolved oxygen, residual chlorine and flow measurements. If errors are made when completing any of these forms, the error must be crossed out with a single line and initialed and dated by the sampler.
 - (2) Beckton Environmental Laboratories follows SOP's for sampling, preservation and handling of samples. These procedures are of utmost importance if test values are representative of the source sample. Correct analytical methods are always employed.
 - (3) If a sample is found to be toxic (as per appropriate RCRA regulation) it will be returned to the client for proper disposal.
 - (4) The following preservatives must be always employed:
Refrigeration, 4°C for all samples; HNO₃ for trace metals, hardness and radioactivity; NaOH for cyanides; H₂SO₄ for phenolics, ammonia nitrogen, TKN, oil & grease, and phosphorus; Zn Acetate for sulfides. Other parameters are preserved as per appropriate SOP.

U.S. Environmental Protection Agency. NPDES Compliance Evaluation Inspection (MCD-75) Manual, Enforcement Division Office of Water Enforcement, Compliance Branch, Enforcement Division (EN-338), Washington, D.C. EPA January, 1981.

Florida Department of Environmental Protection, Comprehensive QA/QC, 1992.



BECKTON ENVIRONMENTAL

LABORATORIES, INC.

ANALYSIS REPORT

Att.: Ms. Nancy Texeira
General Electric- Juana Díaz

Date: November 26, 1996

Lab Name: Beckton Environmental Laboratories
atLab. sample ID: BEL-23350 Date: 11/12/96


Contract: General Electric
Description: ~~Agua Potable~~
City Water

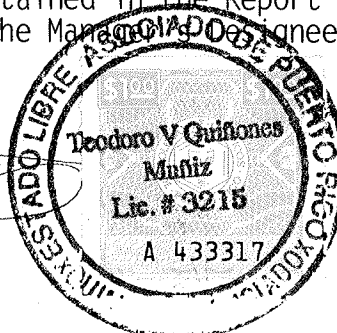
Lab. file ID: BEL23350

Sampled by: A. Vera

PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-23350
Temperature	170.1	Spot	°C	29.0
pH	150.1	Spot	S.U.	7.95
Aluminum	200.7(ICAP)	Grab	mg/L	<0.0250
Cadmium	200.7(ICAP)	Grab	mg/L	<0.0001
Cr, Total	200.7(ICAP)	Grab	mg/L	0.0008
Copper	200.7(ICAP)	Grab	mg/L	0.0080
Iron	200.7(ICAP)	Grab	mg/L	<0.0600
Lead	200.7(ICAP)	Grab	mg/L	0.0128
Manganese	200.7(ICAP)	Grab	mg/L	0.0015
Mercury	245.1	Grab	mg/L	<0.0004
Nickel	200.7(ICAP)	Grab	mg/L	<0.0007
Selenium	200.7(ICAP)	Grab	mg/L	0.0058
Silver	200.7(ICAP)	Grab	mg/L	<0.0007
Tin	200.7(ICAP)	Grab	mg/L	<1.0000
Zinc	200.7(ICAP)	Grab	mg/L	1.4440
BOD5	405.1	Grab	mg/L	<5.0
COD	410.4	Grab	mg/L	<15.0
Oil & Grease	413.1	Grab	mg/L	<5
SS	Std. Method	Grab	mg/L	<4
Cyanide	335.2	Grab	mg/L	<0.02
TSS	160.1	Grab	mg/L	<4
Flash Point	SW-846 1010	Grab	°F	>140

Certification and release of the data contained in the Report of Analysis has been authorized by the Laboratory Manager or the Manager Designee.


Lcdo. Teodoro V. Quiñones
QC Officer
Chemist License 3212



CHAIN OF CUSTODY RECORD

PROJECT NO.	COMPANY <i>GE Juana Diaz</i>	SAMPLER <i>A. Vera</i>		
SAMPLE LOCATION/CLIENT ID	<i>Agua Potable - CITY WATER</i>	TIME	<i>1:30 PM</i>	CONTROL NO.
SAMPLE DATE	<i>11-12-96</i>	BEL. NO.	<i>23350</i>	<i>3569</i>

1. General Environmental:

Acidity	()	Alkalinity	()
Ammonia as N	()	Bicarbonate	()
BOD-5	(X)	Bromide	()
Chloride	()	Chlorine, Res.	()
COD	(X)	Color (ADMI)	()
Conductivity	()	Color (Pt-Co)	()
Dissolved Oxygen	()	Cyanide	(X)
Hardness	()	Fluoride	()
Moisture %	()	Iodine	()
Nitrite	()	Nitrate	()
Oil + Grease	(X)	Nitrate + Nitrite	()
Phenol	()	pH	(X) <i>7.95</i>
Phosphorus, Total	()	Phosphate, Ortho	()
Sett. Solids mg/L	(X)	Sett. Solids mL/L	()
Sulfate	()	Solids, Total	()
Sulfite	()	Sulfide	()
TDS	()	Surfactant	()
Temperature	(X) <i>29°C</i>	TSS	(X)
TOC	()	TKN	()
Asbestos in air	()	Turbidity	()

Relinquished by:

*Yany Iepina Jarro*Date/Time: *11-12-96 - 1:40 P.M.*

Received by:

*Angel Luis Vera Torres*Date/Time: *11-12-96 - 1:40 P.M.*

Relinquished by:

*Angel Luis Vera Torres*Date/Time: *11-12-96 - 2:30 P.M.*

Received by:

*Carol Bernudez*Date/Time: *11/12/96 4:17 PM*

Matrix:

air	()
water	(X)
sludge	()
soil	()
solid	()
oil	()
mixed	()
other	() Specify: _____

Turnaround time:

1 day	()
2 days	()
3 days	()
5 days	()

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders

Sample type legend:

grab samples	x
composite samples	xx

2. Metals

Aluminum	(Al)	(X)	Cadmium	(Cd)	(X)
Chromium	(Cr)	(X)	Copper	(Cu)	(X)
Iron	(Fe)	(X)	Lead	(Pb)	(X)
Manganese	(Mn)	(X)	Mercury	(Hg)	(X)
Nickel	(Ni)	(X)	Selenium	(Se)	(X)
Silver	(Ag)	(X)	Tin	(Sn)	(X)
Zinc	(Zn)	(X)	Arsenic	(As)	()
Barium	(Ba)	()	Boron	(B)	()
Antimony	(Sb)	()	Beryllium	(Be)	()
Bismuth	(Bi)	()	Calcium	(Ca)	()
Chromium, VI	(CrVI)	()	Cobalt	(Co)	()
Magnesium	(Mg)	()	Molybdenum	(Mo)	()
Potassium	(K)	()	Silicon	(Si)	()
Sodium	(Na)	()	Strontium	(Sr)	()
Thallium	(Tl)	()	Titanium	(Ti)	()
Vanadium	(V)	()			

3. RCRA/Hazardous wastes

Ignitability (Flash Pt.)	(X)	Corrosivity	()
Reactivity (CN & S)	()	TCLP	()
RCRA Metals	()	Organics-Pest/Herb	()
Organics-BNA	()	Organics-VOA	()
TOX	()		

4. Specific Organics

Volatiles	()	Semi-Volatiles (BNA)	()
Pesticides/PCB's	()	PCB's Only	()
Herbicides	()	TPH/Diesel (TPH/D)	()
BTEX	()	TTO	()
TTO & Dioxin	()	OTHER (Specify)	()

5. Microbiology

Fecal Coliform	()	Total Coliform	()
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Comments: *Asbestos Bulk A.V.*

BECKTON ENVIRONMENTAL LABORATORIES

192 Villa Street ♦ Ponce, PR 00731

Tel.: 809-841-7373 ♦ Fax.: 809-841-7313

GE_CARIBE001768

Original

PROCEDURE FOR FILLING CHAIN OF CUSTODY FORM

[Ref.: Beckton's Environmental Laboratories SOP Number 5.0 adopted on May 24, 1995]

Scope And Application

This procedure is necessary to insure the validity of the data. Due to the evidentiary nature of samples collected during enforcement investigations, possession must be traceable from the time the samples are collected until they are introduced as evidence in legal proceedings.

Definition

According to the USEPA Office of Enforcement and Compliance Monitoring National Enforcement Investigation Center (NEIC) Policies and Procedures, May 1978 and revised on May 1986, a sample is under custody if:

1. it is in your possession, or
2. it is in your view, after being in your possession, or
3. it was in your possession and you locked it up, or
4. it is in a designated secure area.

Possession must be traceable from the time the samples are collected until they are finally disposed.

Procedure for filling chain-of-custody forms

Chain of custody shall be completed using black waterproof ink. The information recorded should include:

Project Number:	A number given to the project, optional.
Company:	The name of the Company. If there are companies with the same name, specify the city (place). Site where samples are obtained or specific project for which samples are collected.
Sampler:	Each sampler is identified.
BEL ID Number:	Laboratory Identification Number unique for each sample and assigned by Beckton.
Control No.:	A number assigned by Beckton for the purpose of sample tracking and invoicing. Customers will utilize this number for determining status of samples.
Date:	A six digit number indicating day of collection, month and the year.
Time:	A four digit number indicating time of collection; military time must be preferably employed. AM and PM should be stated in case normal time is employed.
Sample matrix:	Check appropriate space for the following sample matrix: water; solid; air; sludge, soil, solid, mixed waste, or other. In the event other is selected specify the sample matrix.
Sample type:	Write either an "x" or "xx" in the corresponding space next to the parameter. Sample types: xx- composite; x- grab.
Comments:	Sampler should specify field observations or abnormal conditions. For example: If spilt, trip blanks, field blanks or duplicate samples were taken.
Analysis:	Each parameter to be analyzed should be marked with an "X" or "XX"
Relinquished and received by:	When transferring the possession of samples the individuals relinquishing and receiving will sign, date, and note the time. This record documents sample custody transfer from the sampler, often through another person, to the laboratory. Each signature should be legible. If not legible, print name above signature.

- Note:**
- (1) The field sampler is personally responsible for the care and custody of samples collected. As few people as possible should handle samples. When in-site measurement are made, the data are recorded directly in the chain-of-custody. For example: pH, temperature, dissolved oxygen, residual chlorine and flow measurements. If errors are made when completing any of these forms, the error must be crossed out with a single line and initialed and dated by the sampler.
 - (2) Beckton Environmental Laboratories follows SOP's for sampling, preservation and handling of samples. These procedures are of utmost importance if test values are representative of the source sample. Correct analytical methods are always employed.
 - (3) If a sample is found to be toxic (as per appropriate RCRA regulation) it will be returned to the client for proper disposal.
 - (4) The following preservatives must be always employed:
Refrigeration, 4°C for all samples; HNO₃ for trace metals, hardness and radioactivity; NaOH for cyanides; H₂SO₄ for phenolics, ammonia nitrogen, TKN, oil & grease, and phosphorus; Zn Acetate for sulfides. Other parameters are preserved as per appropriate SOP.

U.S. Environmental Protection Agency. NPDES Compliance Evaluation Inspection (MCD-75) Manual, Enforcement Division Office of Water Enforcement, Compliance Branch, Enforcement Division (EN-338), Washington, D.C. EPA January, 1981.

Florida Department of Environmental Protection, Comprehensive QA/QC, 1992.

QUALITY ASSURANCE

Beckton Environmental Laboratories is one of the nation leading provider of full environmental analytical services. Since its founding, has constantly strive to maintain state-of-the-art equipment in order to meet the ever changing environmental compliance regulations. Our capabilities ensure the delivery of analytical results based on quality and accuracy when you absolutely can't wait.

Beckton Environmental Laboratories has a comprehensive, quality assurance/quality control (QA/QC) program designed to assure that the results will stand up under regulatory agency or courtroom scrutiny. Furthermore, Beckton's QA/QC program is accepted by the State of Florida Department of Environmental Resources. We adhere to protocols which is based on requirements of:

- ◆ Test Methods for Evaluating Solid Waste, SW-846.
- ◆ EPA's Handbook for Analytical Quality Control in Water and Wastewater Laboratories.

Our written QA/QC plan addresses all aspects of Beckton's services including:

- ◆ Sample collection and handling techniques
- ◆ Sample preparation and analytical procedures
- ◆ QC validation of results
- ◆ Control limits for precision and accuracy
- ◆ Record management
- ◆ Internal and external audits
- ◆ Documentation of QC results

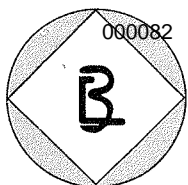
- ◆ Corrective action procedures

With each group of samples analyzed, the following QC procedures are documented:

- ◆ Instrument are checked, tuned and calibrated
- ◆ Laboratory blanks are analyzed with each batch of samples to ensure that positive values are not the result of contamination.
- ◆ Trip blanks, field blanks, and equipment blanks are routinely analyzed to assess possible contamination sources.
- ◆ Laboratory control standards are carried through all preparation and analytical techniques to verify methodology and calibrations.
- ◆ Matrix spike sample is analyzed per batch of samples to measure accuracy.
- ◆ A duplicate, or matrix spike duplicate is analyzed per batch of samples to measure precision.
- ◆ Every organic sample, blank and standard is spiked with surrogate compounds to verify sample specific recoveries.

All the above QC procedures are validated by a process that include: initial verification by the analysts, data confirmation by the department supervisor, review by the laboratory QA/QC officer and final scrutiny and approval by the laboratory director.

We have estimated that the cost of providing quality assurance described above is approximately 30% of our analytical charges. However these procedures are an integral part of all EPA approved analytical methods.



BECKTON ENVIRONMENTAL
LABORATORIES, INC.

March 5, 1996

ANALYSIS REPORT

SAMPLE IDENTIFICATION: Unknown Drum #58
G.E., Fab. (Juana Díaz)

Att.: Mrs. Nancy Texeira
Lab Name: Beckton Environmental Laboratories
Sampler: V. Castro
Matrix: Water

Lab. sample ID: BEL-17178

Sample wt/vol: 1000/5.0 (g/mL) mL

Lab. File ID: 17178TCL

Column: (pack/cap) capillary

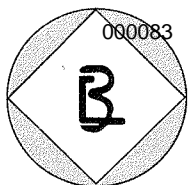
Date Received: 02/20/96

Date Analyzed: 02/20/96 (V)
03/02/96 (H)
03/01/96 (P)
03/01/96 (SV)

MAXIMUM CONCENTRATION OF CONTAMINANTS
FOR CHARACTERISTIC OF TCLP TOXICITY

EPA HAZARDOUS WASTE NUMBER	CONTAMINANT	RESULTS (mg/L)	DETECTION LIMIT (mg/L)	REGULATORY LEVEL (mg/L)
METALS (SW-846 7000's)				
D004	Arsenic	N.D.	0.004	5.0
D005	Barium	5.913	0.00009	100.0
D006	Cadmium	N.D.	0.0003	1.0
D007	Chromium	0.0623	0.0006	5.0
D008	Lead	N.D.	0.004	5.0
D009	Mercury	0.00799	0.0005	0.2
D010	Selenium	N.D.	0.004	1.0
D011	Silver	0.0029	0.00075	5.0
PESTICIDES (SW-846 8080)				
D020	Chlordane	N.D.	0.002	0.03
D012	Endrin	0.002	0.002	0.02
D031	Heptachlor (and its OH)	N.D.	0.0005	0.008
D013	Lindane	N.D.	0.004	0.4
D014	Methoxychlor	N.D.	0.010	10.0
D015	Toxaphene	N.D.	0.025	0.5

N.D.- not detected



BECKTON ENVIRONMENTAL
LABORATORIES, INC.

Analysis Report
Page -2-

SAMPLE IDENTIFICATION: BEL-17178

EPA HAZRDOUS WASTE NUMBER	CONTAMINANT	RESULTS (mg/L)	DETECTION LIMIT (mg/L)	REGULATORY LEVEL (mg/L)
HERBICIDES (SW-846 8150)				
D016	2,4-D	N.D.	.25	10.0
D017	2,4,5-TP (Silvex)	N.D.	.10	1.0
VOLATILE ORGANICS (SW-846 8010; 8015; 8021)				
D018	Benzene	N.D.	.040	0.5
D019	Carbon Tetrachloride	N.D.	.040	0.5
D021	Chlorobenzene	N.D.	.040	100.0
D022	Chloroform	N.D.	.040	6.0
D027	1,4-Dichlorobenzene	N.D.	.040	7.5
D028	1,2-Dichloroethane	N.D.	.040	0.5
D029	1,1-Dichloroethylene	N.D.	.040	0.7
D035	Methyl Ethyl Ketone	N.D.	5.00	200.0
D039	Tetrachloroethylene	N.D.	.040	0.7
D040	Trichloroethylene	N.D.	.040	0.5
D043	Vinyl Chloride	N.D.	.020	0.2
SEMI-VOLATILE ORGANICS (SW 8270)				
D023	o-Cresol	N.D.	.002	200.0
D024	m-Cresol	N.D.	.002	200.0
D025	p-Cresol	N.D.	.002	200.0
D030	2,4-Dinitrotoluene	N.D.	.002	0.13
D032	Hexachlorobenzene	N.D.	.002	0.13
D033	Hexachloro-1,3-butadiene	N.D.	.002	0.5
D034	Hexachloroethane	N.D.	.002	3.0
D036	Nitrobenzene	N.D.	.002	2.0
D037	Pentachlorophenol	N.D.	.002	100.0
D038	Pyridine	N.D.	.002	5.0
D041	2,4,5-Trichlorophenol	N.D.	.002	400.0
D042	2,4,6-Trichlorophenol	N.D.	.002	2.0

N.D.- not detected



BECKTON ENVIRONMENTAL
LABORATORIES, INC.

Analysis Report
Page -3-

SAMPLE IDENTIFICATION: BEL-17178

HAZARDOUS CHARACTERISTICS

IGNITABILITY: Hazardous Waste Number D 001

The sample does NOT exhibit the characteristic of ignitability according to the U.S. Environmental Protection Agency, Manual SW 846, "Test Methods for Evaluating Solid Wastes".

Flash point >140 °F

CORROSITIVITY: Hazardous Wastes Number D 002

The sample does exhibit the characteristic of corrosivity according to the U.S. Environmental Protection Agency, Manual SW 846, "Test Methods for Evaluating Solid Wastes".

The pH of the sample was 14.38 S.U. @ 10°C.

REACTIVITY: Hazardous Wastes Number D 003

Sample does not exhibit the characteristics of reactivity according to U.S. Environmental Protection Agency, Manual SW 846, "Test Methods for Evaluating Solid Wastes".

Sulfide	19.2	ppm (500 ppm limit)
Cyanide	< 10	ppm (250 ppm limit)

Certification and release of the data contained in this Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee.

Lcda. Eulalia Medina
Chemist
Chemist License No. 3901



CHAIN OF CUSTODY RECORD

PROJECT NO.	COMPANY <i>SE Puerto Rico</i>	SAMPLER <i>V. Costa</i>
SAMPLE LOCATION/CLIENT ID	<i>UNKNOWN drum # 58</i>	TIME <i>10:30AM</i>
SAMPLE DATE	<i>2-20-96</i>	BEL. NO. <i>17178</i>
		CONTROL NO. <i>5634</i>

1. General Environmental:

Acidity ()	Alkalinity ()
Ammonia as N ()	Bicarbonate ()
BOD-5 ()	Bromide ()
Chloride ()	Chlorine, Res. ()
COD ()	Color (ADMI) ()
Conductivity ()	Color (Pt-Co) ()
Dissolved Oxygen ()	Cyanide ()
Hardness ()	Fluoride ()
Moisture % ()	Iodine ()
Nitrite ()	Nitrate ()
Oil + Grease ()	Nitrate + Nitrite ()
Phenol ()	pH ().....
Phosphorus, Total ()	Phosphate, Ortho ()
Sett. Solids mg/L ()	Sett. Solids mL/L ()
Sulfate ()	Solids, Total ()
Sulfite ()	Sulfide ()
TDS ()	Surfactant ()
Temperature ().....	TSS ()
TOC ()	TKN ()
Asbestos in air ()	Turbidity ()

Relinquished by:

Garry L. Sepina
Date/Time: *11:00 a.m. 2/20/96*

Received by:

V. Costa
Date/Time: *2-20-96 11:00AM*

Relinquished by:

V. Costa
Date/Time: *2-20-96 12:00PM*

Received by:

M. Vidal
Date/Time: *2/20/96 1:00 PM*

Matrix:

air	()
water	(X)
sludge	()
soil	()
solid	()
oil	()
mixed	()
other	() Specify: _____

Turnaround time:

1 day	()
2 days	()
3 days	()
5 days	()

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders

Sample type legend:

grab samples	x
composite samples	xx

2. Metals

Aluminum (Al) ()	Cadmium (Cd) ()
Chromium (Cr) ()	Copper (Cu) ()
Iron (Fe) ()	Lead (Pb) ()
Manganese (Mn) ()	Mercury (Hg) ()
Nickel (Ni) ()	Selenium (Se) ()
Silver (Ag) ()	Tin (Sn) ()
Zinc (Zn) ()	Arsenic (As) ()
Barium (Ba) ()	Boron (B) ()
Antimony (Sb) ()	Beryllium (Be) ()
Bismuth (Bi) ()	Calcium (Ca) ()
Chromium, VI (CrVI) ()	Cobalt (Co) ()
Magnesium (Mg) ()	Molybdenum (Mo) ()
Potassium (K) ()	Silicon (Si) ()
Sodium (Na) ()	Strontium (Sr) ()
Thallium (Tl) ()	Titanium (Ti) ()
Vanadium (V) ()	

3. RCRA/Hazardous wastes

Ignitability (Flash Pt.) (X)	Corrosivity (X)
Reactivity (CN & S) (X)	TCLP (X)
RCRA Metals (X)	Organics-Pest/Herb (X)
Organics-BNA (X)	Organics-VOA (X)
TOX ()	

4. Specific Organics

Volatiles ()	Semi-Volatiles (BNA) ()
Pesticides/PCB's ()	PCB's Only ()
Herbicides ()	TPH/Diesel (TPH/D) ()
BTEX ()	TTO ()
TTO & Dioxin ()	OTHER (Specifv) ()

5. Microbiology

Fecal Coliform ()	Total Coliform ()
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Comments:

BECKTON ENVIRONMENTAL LABORATORIES

192 Villa Street ♦ Ponce, PR 00731

Tel.: 809-841-7373 ♦ Fax.: 809-841-7313

Original

GE_CARIBE001774

PROCEDURE FOR FILLING CHAIN OF CUSTODY FORM

[Ref.: Beckton's Environmental Laboratories SOP Number 5.0 adopted on May 24, 1995]

Scope And Application

This procedure is necessary to insure the validity of the data. Due to the evidentiary nature of samples collected during enforcement investigations, possession must be traceable from the time the samples are collected until they are introduced as evidence in legal proceedings.

Definition

According to the USEPA Office of Enforcement and Compliance Monitoring National Enforcement Investigation Center (NEIC) Policies and Procedures, May 1978 and revised on May 1986, a sample is under custody if:

1. it is in your possession, or
2. it is in your view, after being in your possession, or
3. it was in your possession and you locked it up, or
4. it is in a designated secure area.

Possession must be traceable from the time the samples are collected until they are finally disposed.

Procedure for filling chain-of-custody forms

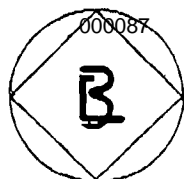
Chain of custody shall be completed using black waterproof ink. The information recorded should include:

Project Number:	A number given to the project, optional.
Company:	The name of the Company. If there are companies with the same name, specify the city (place). Site where samples are obtained or specific project for which samples are collected.
Sampler:	Each sampler is identified.
BEL ID Number:	Laboratory Identification Number unique for each sample and assigned by Beckton.
Control No.:	A number assigned by Beckton for the purpose of sample tracking and invoicing. Customers will utilize this number for determining status of samples.
Date:	A six digit number indicating day of collection, month and the year.
Time:	A four digit number indicating time of collection; military time must be preferably employed. AM and PM should be stated in case normal time is employed.
Sample matrix:	Check appropriate space for the following sample matrix: water; solid; air; sludge, soil, solid, mixed waste, or other. In the event other is selected specify the sample matrix.
Sample type:	Write either an "x" or "xx" in the corresponding space next to the parameter. Sample types: xx- composite; x- grab.
Comments:	Sampler should specify field observations or abnormal conditions. For example: If spilt, trip blanks, field blanks or duplicate samples were taken.
Analysis:	Each parameter to be analyzed should be marked with an "X" or "XX"
Relinquished and received by:	When transferring the possession of samples the individuals relinquishing and receiving will sign, date, and note the time. This record documents sample custody transfer from the sampler, often through another person, to the laboratory. Each signature should be legible. If not legible, print name above signature.

- Note:
- (1) The field sampler is personally responsible for the care and custody of samples collected. As few people as possible should handle samples. When in-site measurement are made, the data are recorded directly in the chain-of-custody. For example: pH, temperature, dissolved oxygen, residual chlorine and flow measurements. If errors are made when completing any of these forms, the error must be crossed out with a single line and initialed and dated by the sampler.
 - (2) Beckton Environmental Laboratories follows SOP's for sampling, preservation and handling of samples. These procedures are of utmost importance if test values are representative of the source sample. Correct analytical methods are always employed.
 - (3) If a sample is found to be toxic (as per appropriate RCRA regulation) it will be returned to the client for proper disposal.
 - (4) The following preservatives must be always employed:
Refrigeration, 4°C for all samples; HNO₃ for trace metals, hardness and radioactivity; NaOH for cyanides; H₂SO₄ for phenolics, ammonia nitrogen, TKN, oil & grease, and phosphorus; Zn Acetate for sulfides. Other parameters are preserved as per appropriate SOP.

U.S. Environmental Protection Agency. NPDES Compliance Evaluation Inspection (MCD-75) Manual, Enforcement Division Office of Water Enforcement, Compliance Branch, Enforcement Division (EN-338), Washington, D.C. EPA January, 1981.

Florida Department of Environmental Protection, Comprehensive QA/QC, 1992.



BECKTON ENVIRONMENTAL

LABORATORIES, INC.

ANALYSIS REPORT

Att.: Ms. Nancy Texeira
General Electric- Juana Díaz

Date: September 26, 1996

Lab Name: Beckton Environmental Laboratories Contract: General Electric
Lab. sample ID: BEL-21730 Date: 09/06/96 Description: Agua de Lavado (IDM)

Lab. file ID: BEL21730

Sampled by: N. Rivera

PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-21730
Temperature	170.1	Spot	°C	27.0
pH	150.1	Spot	S.U.	7.78
Aluminum	200.7(ICAP)	Grab	mg/L	2.718
Cadmium	200.7(ICAP)	Grab	mg/L	0.0373
Cr. Total	200.7(ICAP)	Grab	mg/L	7.919
Copper	200.7(ICAP)	Grab	mg/L	153.
Iron	200.7(ICAP)	Grab	mg/L	172.
Lead	200.7(ICAP)	Grab	mg/L	0.0395
Manganese	200.7(ICAP)	Grab	mg/L	0.7208
Mercury	245.1	Grab	mg/L	<0.0004
Nickel	200.7(ICAP)	Grab	mg/L	0.4013
Selenium	200.7(ICAP)	Grab	mg/L	<0.002
Silver	200.7(ICAP)	Grab	mg/L	<0.00075
Tin	200.7(ICAP)	Grab	mg/L	<1.0
Zinc	200.7(ICAP)	Grab	mg/L	56.17
BOD5	405.1	Grab	mg/L	39.8
COD	410.4	Grab	mg/L	478.
Oil & Grease	413.1	Grab	mg/L	13.2
SS	Std. Method	Grab	mg/L	582.
Cyanide	335.2	Grab	mg/L	<0.02
TSS	160.1	Grab	mg/L	573.
Flash Point	SW-846 1010	Grab	mg/L	>140

Certification and release of the data contained in the Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee.

Rafael Infante
Lcdo. Rafael Infante
Laboratory Director
Chemist License #1888
LIC. #1888



192 VILLA STREET
PONCE, P.R. 00731

TEL: (787) 841-7373
FAX (787) 841-7313

000088

REVISION 1995

CHAIN OF CUSTODY RECORD

PROJECT NO.	COMPANY <i>G.E. Juan Diego</i>	SAMPLER <i>N. Rivera</i>
SAMPLE LOCATION/CLIENT ID	<i>Agua de la Loma (10M)</i>	TIME <i>11:29m</i>
SAMPLE DATE <i>9-6-96</i>	BEL. NO. <i>21730</i>	CONTROL NO. <i>13878</i>

1. General Environmental:

Acidity ()	Alkalinity ()
Ammonia as N ()	Bicarbonate ()
BOD-5 (X)	Bromide ()
Chloride ()	Chlorine, Res. ()
COD (X)	Color (ADMT) ()
Conductivity ()	Color (Pt-Co) ()
Dissolved Oxygen ()	Cyanide (X)
Hardness ()	Fluoride ()
Moisture % ()	Iodine ()
Nitrite ()	Nitrate ()
Oil + Grease (X)	Nitrate + Nitrite ()
Phenol ()	pH (X) <i>7.78</i>
Phosphorus, Total ()	Phosphate, Ortho ()
Sett. Solids mg/L (X)	Sett. Solids mL/L ()
Sulfate ()	Solids, Total ()
Sulfide ()	Sulfide ()
TDS ()	Surfactant ()
Temperature (X) <i>27.0°C</i>	TSS (X)
TOC ()	TKN ()
Asbestos in air ()	Turbidity ()

Relinquished by:

Jorge R. Berastain
Date/Time: *9/6/96 11:30 A.M.*

Received by:

Nestor Rivera
Date/Time: *9-6-96 11:35AM*

Relinquished by:

Nestor Rivera
Date/Time: *9-6-96 1:30pm*

Received by:

Berastain
Date/Time: *9/6/96 4:00pm*

Matrix:

air ()
water (X)
sludge ()
soil ()
solid ()
oil ()
mixed ()
other () Specify: _____

Turnaround time:

1 day ()
2 days ()
3 days ()
5 days ()

Note: normal turnaround time is two (2) working days; additional charges apply for rush orders

Sample type legend:

grab samples x
composite samples xx

2. Metals

Aluminum (Al) (X)	Cadmium (Cd) (X)
Chromium (Cr) (X)	Copper (Cu) (X)
Iron (Fe) (X)	Lead (Pb) (X)
Manganese (Mn) (X)	Mercury (Hg) (X)
Nickel (Ni) (X)	Selenium (Se) (X)
Silver (Ag) (X)	Tin (Sn) (X)
Zinc (Zn) (X)	Arsenic (As) (X)
Barium (Ba) ()	Boron (B) ()
Antimony (Sb) ()	Beryllium (Be) ()
Bismuth (Bi) ()	Calcium (Ca) ()
Chromium, VI (CrVI) ()	Cobalt (Co) ()
Magnesium (Mg) ()	Molybdenum (Mo) ()
Potassium (K) ()	Silicon (Si) ()
Sodium (Na) ()	Strontium (Sr) ()
Thallium (Tl) ()	Titanium (Ti) ()
Vanadium (V) ()	

3. RCRA/Hazardous wastes

Ignitability (Flash Pt.) (X)	Corrosivity ()
Reactivity (CN & S) ()	TCLP ()
RCRA Metals ()	Organics-Pest/Herb ()
Organics-BNA ()	Organics-VOA ()
TOX ()	

4. Specific Organics

Volatiles ()	Semi-Volatiles (BNA) ()
Pesticides/PCB's ()	PCB's Only ()
Herbicides ()	TPH/Diesel (TPH/D) ()
BTX ()	TTO ()
TTO & Dioxin ()	OTHER (Specify) ()

5. Microbiology

Fecal Coliform ()	Total Coliform ()
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Comments:

BECKTON ENVIRONMENTAL LABORATORIES
192 Villa Street ♦ Ponce, PR 00731
Tel.: 809-841 7373 ♦ Fax.: 809 841 7313

Original

GE_CARIBE001777

CHAIN OF CUSTODY RECORD

PROJECT NO.	COMPANY <i>G.C. Tuna Rin</i>	SAMPLER <i>N. Linares</i>	
SAMPLE LOCATION/CLIENT ID	<i>Laguna de Landi (10M)</i>	TIME	<i>11:29 AM</i>
SAMPLE DATE	<i>9-6-96</i>	BEL. NO.	CONTROL NO. 13878

1. General Environmental:

Acidity ()	Alkalinity ()
Ammonia as N ()	Bicarbonate ()
BOD-5 (X)	Bromide ()
Chloride ()	Chlorine, Res. ()
COD (X)	Color (ADMI) ()
Conductivity ()	Color (Pt-Co) ()
Dissolved Oxygen ()	Cyanide (X)
Hardness ()	Fluoride ()
Moisture % ()	Iodine ()
Nitrite ()	Nitrate ()
Oil + Grease (X)	Nitrate + Nitrite ()
Phenol ()	pH (X) <i>7.79</i>
Phosphorus, Total ()	Phosphate, Ortho ()
Sett. Solids mg/L (X)	Sett. Solids mL/L ()
Sulfate ()	Solids, Total ()
Sulfite ()	Sulfide ()
TDS ()	Surfactant ()
Temperature (X) <i>27.8°C</i>	TSS (X)
TOC ()	TKN ()
Asbestos in air ()	Turbidity ()

Relinquished by:

Date/Time:

Received by:

Date/Time:

Relinquished by:

Date/Time:

Received by:

Date/Time:

Matrix:

air ()
 water (X)
 sludge ()
 soil ()
 solid ()
 oil ()
 mixed ()
 other () Specify: _____

Turnaround time:

1 day ()
 2 days ()
 3 days ()
 5 days ()

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders

Sample type legend:

grab samples x
 composite samples xx

2. Metals

Aluminum (Al) (X)	Cadmium (Cd) (X)
Chromium (Cr) (X)	Copper (Cu) (X)
Iron (Fe) (X)	Lead (Pb) (X)
Manganese (Mn) (X)	Mercury (Hg) (X)
Nickel (Ni) (X)	Selenium (Se) (X)
Silver (Ag) (X)	Tin (Sn) (X)
Zinc (Zn) (X)	Arsenic (As) ()
Barium (Ba) ()	Boron (B) ()
Antimony (Sb) ()	Beryllium (Be) ()
Bismuth (Bi) ()	Calcium (Ca) ()
Chromium, VI (CrVI) ()	Cobalt (Co) ()
Magnesium (Mg) ()	Molybdenum (Mo) ()
Potassium (K) ()	Silicon (Si) ()
Sodium (Na) ()	Strontium (Sr) ()
Thallium (Tl) ()	Titanium (Ti) ()
Vanadium (V) ()	

3. RCRA/Hazardous wastes

Ignitability (Flash Pt.) (X)	Corrosivity ()
Reactivity (CN & S) ()	TCLP ()
RCRA Metals ()	Organics-Pest/Herb ()
Organics-BNA ()	Organics-VOA ()
TOX ()	

4. Specific Organics

Volatiles ()	Semi-Volatiles (BNA) ()
Pesticides/PCB's ()	PCB's Only ()
Herbicides ()	TPH/Diesel (TPH/D) ()
BTEX ()	TTO ()
TTO & Dioxin ()	OTHER (Specify) _____ ()

5. Microbiology

Fecal Coliform ()	Total Coliform ()
--------------------	--------------------

Comments:

BECKTON ENVIRONMENTAL LABORATORIES

192 Villa Street ♦ Ponce, PR 00731

Tel.: 809-841-7373 ♦ Fax.: 809-841-7313

Client

GE_CARIBE001778

PROCEDURE FOR FILLING CHAIN OF CUSTODY FORM

[Ref.: Beckton's Environmental Laboratories SOP Number 5.0 adopted on May 24, 1995]

Scope And Application

This procedure is necessary to insure the validity of the data. Due to the evidentiary nature of samples collected during enforcement investigations, possession must be traceable from the time the samples are collected until they are introduced as evidence in legal proceedings.

Definition

According to the USEPA Office of Enforcement and Compliance Monitoring National Enforcement Investigation Center (NEIC) Policies and Procedures, May 1978 and revised on May 1986, a sample is under custody if:

1. it is in your possession, or
2. it is in your view, after being in your possession, or
3. it was in your possession and you locked it up, or
4. it is in a designated secure area.

Possession must be traceable from the time the samples are collected until they are finally disposed.

Procedure for filling chain-of-custody forms

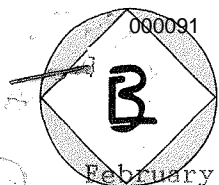
Chain of custody shall be completed using black waterproof ink. The information recorded should include:

Project Number:	A number given to the project, optional.
Company:	The name of the Company. If there are companies with the same name, specify the city (place). Site where samples are obtained or specific project for which samples are collected.
Sampler:	Each sampler is identified.
BEL ID Number:	Laboratory Identification Number unique for each sample and assigned by Beckton.
Control No.:	A number assigned by Beckton for the purpose of sample tracking and invoicing. Customers will utilize this number for determining status of samples.
Date:	A six digit number indicating day of collection, month and the year.
Time:	A four digit number indicating time of collection; military time must be preferably employed. AM and PM should be stated in case normal time is employed.
Sample matrix:	Check appropriate space for the following sample matrix: water; solid; air; sludge, soil, solid, mixed waste, or other. In the event other is selected specify the sample matrix.
Sample type:	Write either an "x" or "xx" in the corresponding space next to the parameter. Sample types: xx- composite; x- grab.
Comments:	Sampler should specify field observations or abnormal conditions. For example: If split, trip blanks, field blanks or duplicate samples were taken.
Analysis:	Each parameter to be analyzed should be marked with an "X" or "XX"
Relinquished and received by:	When transferring the possession of samples the individuals relinquishing and receiving will sign, date, and note the time. This record documents sample custody transfer from the sampler, often through another person, to the laboratory. Each signature should be legible. If not legible, print name above signature.

- Note:**
- (1) The field sampler is personally responsible for the care and custody of samples collected. As few people as possible should handle samples. When in-site measurement are made, the data are recorded directly in the chain-of-custody. For example: pH, temperature, dissolved oxygen, residual chlorine and flow measurements. If errors are made when completing any of these forms, the error must be crossed out with a single line and initialed and dated by the sampler.
 - (2) Beckton Environmental Laboratories follows SOP's for sampling, preservation and handling of samples. These procedures are of utmost importance if test values are representative of the source sample. Correct analytical methods are always employed.
 - (3) If a sample is found to be toxic (as per appropriate RCRA regulation) it will be returned to the client for proper disposal.
 - (4) The following preservatives must be always employed:
Refrigeration, 4°C for all samples; HNO₃ for trace metals, hardness and radioactivity; NaOH for cyanides; H₂SO₄ for phenolics, ammonia nitrogen, TKN, oil & grease, and phosphorus; Zn Acetate for sulfides. Other parameters are preserved as per appropriate SOP.

U.S. Environmental Protection Agency. NPDES Compliance Evaluation Inspection (MCD-75) Manual, Enforcement Division Office of Water Enforcement, Compliance Branch, Enforcement Division (EN-338), Washington, D.C. EPA January, 1981.

Florida Department of Environmental Protection, Comprehensive QA/QC, 1992.



BECKTON ENVIRONMENTAL

LABORATORIES, INC.

February 29, 1996

ANALYSIS REPORT

SAMPLE IDENTIFICATION: ~~WWTP-Cleaning Water~~
G.E., Fab. (Juana Díaz)

Att.: Nancy Texeira

Lab Name: Beckton Environmental Laboratories

Sampler: V. Castro

Matrix: Liquid

Lab. sample ID: BEL-17179

Sample wt/vol: 60 (g/mL) mL

Lab. File ID: 17179RCI

Column: (pack/cap) capillary

Date Received: 02/20/96

Date Analyzed: 02/27/96

HAZARDOUS CHARACTERISTICS

IGNITABILITY: Hazardous Waste Number D 001

The sample does NOT exhibit the characteristic of ignitability according to the U.S. Environmental Protection Agency, Manual SW 846, "Test Methods for Evaluating Solid Wastes".

Flash point >1400 F

CORROSITIVITY: Hazardous Wastes Number D 002

The sample does not exhibit the characteristic of corrosivity according to the U.S. Environmental Protection Agency, Manual SW 846, "Test Methods for Evaluating Solid Wastes".

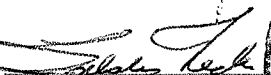
The pH of the sample was 7.63 S.U. @ 120C.

REACTIVITY: Hazardous Wastes Number D 003

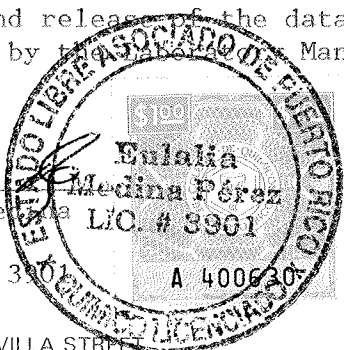
Sample does not exhibit the characteristics of reactivity according to U.S. Environmental Protection Agency, Manual SW 846, "Test Methods for Evaluating Solid Wastes".

Sulfide	< 10	ppm (500ppm limit)
Cyanide	< 10	ppm (250ppm limit)

Certification and release of the data contained in this Report of Analysis has been authorized by the Manager or the Manager's Designee.


Lcda. Eulalia Medina Pérez
Chemist

Chemist License 3901



192 VILLA STREET
PONCE, P.R. 00731

TEL. (809) 841-7373
FAX (809) 841-7313

GE_CARIBE001780

AMERICAN INDIAN

AMERICAN INDIAN

PREFACE

The following is a list of the names of the persons who have been
connected with the American Indian in the past.

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connected with the American Indian in the past.

CHAIN OF CUSTODY RECORD

PROJECT NO.	COMPANY <u>Bejirana Diaz</u>	SAMPLER <u>V. Castro</u>
SAMPLE LOCATION/CLIENT ID	<u>WWTP. Clean water</u>	TIME <u>10:45AM</u>
SAMPLE DATE	<u>2-20-96</u>	BEL. NO. <u>17179</u>
		CONTROL NO. <u>5636</u>

1. General Environmental:

Acidity	()	Alkalinity	()
Ammonia as N	()	Bicarbonate	()
BOD-5	()	Bromide	()
Chloride	()	Chlorine, Res.	()
COD	()	Color (ADMI)	()
Conductivity	()	Color (Pt-Co)	()
Dissolved Oxygen	()	Cyanide	()
Hardness	()	Fluoride	()
Moisture %	()	Iodine	()
Nitrite	()	Nitrate	()
Oil + Grease	()	Nitrate + Nitrite	()
Phenol	()	pH	().....
Phosphorus, Total	()	Phosphate, Ortho	()
Sett. Solids mg/L	()	Sett. Solids mL/L	()
Sulfate	()	Solids, Total	()
Sulfite	()	Sulfide	()
TDS	()	Surfactant	()
Temperature	().....	TSS	()
TOC	()	TKN	()
Asbestos in air	()	Turbidity	()

Relinquished by:

Nancy Lefina
Date/Time: 11:00 a.m. 2/20/96

Received by:

Vito Castro
Date/Time: 2-20-96 11:00 AM

Relinquished by:

Vito Castro
Date/Time: 2-20-96 12:00 PM

Received by:

M. Vidal
Date/Time: 2/20/96 1:00 PM

Matrix:

air ()
water (xx)
sludge ()
soil ()
solid ()
oil ()
mixed ()
other () Specify: _____

Turnaround time:

1 day ()
2 days ()
3 days ()
5 days ()

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders

Sample type legend:

grab samples x
composite samples xx

2. Metals

Aluminum	(Al)	()	Cadmium	(Cd)	()
Chromium	(Cr)	()	Copper	(Cu)	()
Iron	(Fe)	()	Lead	(Pb)	()
Manganese	(Mn)	()	Mercury	(Hg)	()
Nickel	(Ni)	()	Selenium	(Se)	()
Silver	(Ag)	()	Tin	(Sn)	()
Zinc	(Zn)	()	Arsenic	(As)	()
Barium	(Ba)	()	Boron	(B)	()
Antimony	(Sb)	()	Beryllium	(Be)	()
Bismuth	(Bi)	()	Calcium	(Ca)	()
Chromium, VI	(CrVI)	()	Cobalt	(Co)	()
Magnesium	(Mg)	()	Molybdenum	(Mo)	()
Potassium	(K)	()	Silicon	(Si)	()
Sodium	(Na)	()	Strontium	(Sr)	()
Thallium	(Tl)	()	Titanium	(Ti)	()
Vanadium	(V)	()			

3. RCRA/Hazardous wastes

Ignitability (Flash Pt.)	(xx)	Corrosivity	(xx)
Reactivity (CN & S)	(xx)	TCLP	()
RCRA Metals	()	Organics-Pest/Herb	()
Organics-BNA	()	Organics-VOA	()
TOX	()		

4. Specific Organics

Volatiles	()	Semi-Volatiles (BNA)	()
Pesticides/PCB's	()	PCB's Only	()
Herbicides	()	TPH/Diesel (TPH/D)	()
BTEX	()	TTO	()
TTO & Dioxin	()	OTHER (Specify) _____	()

5. Microbiology

Fecal Coliform	()	Total Coliform	()
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Comments: _____

BECKTON ENVIRONMENTAL LABORATORIES

192 Villa Street ♦ Ponce, PR 00731

Tel.: 809-841-7373 ♦ Fax.: 809-841-7313

Original

GE_CARIBE001782

PROCEDURE FOR FILLING CHAIN OF CUSTODY FORM

[Ref.: Beckton's Environmental Laboratories SOP Number 5.0 adopted on May 24, 1995]

Scope And Application

This procedure is necessary to insure the validity of the data. Due to the evidentiary nature of samples collected during enforcement investigations, possession must be traceable from the time the samples are collected until they are introduced as evidence in legal proceedings.

Definition

According to the USEPA Office of Enforcement and Compliance Monitoring National Enforcement Investigation Center (NEIC) Policies and Procedures, May 1978 and revised on May 1986, a sample is under custody if:

1. it is in your possession, or
2. it is in your view, after being in your possession, or
3. it was in your possession and you locked it up, or
4. it is in a designated secure area.

Possession must be traceable from the time the samples are collected until they are finally disposed.

Procedure for filling chain-of-custody forms

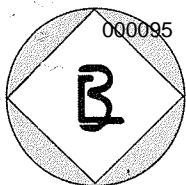
Chain of custody shall be completed using black waterproof ink. The information recorded should include:

Project Number:	A number given to the project, optional.
Company:	The name of the Company. If there companies with the same name, specified the city (place). Site were samples are obtained or specific project for which samples are collected.
Sampler:	Each sampler is identified.
BEL ID Number:	Laboratory Identification Number unique for each sample and assigned by Beckton.
Control No.:	A number assigned by Beckton for the purpose of sample tracking and invoicing. Customers will utilize this number for determining status of samples.
Date:	A six digit number indicating day of collection, month and the year.
Time:	A four digit number indicating time of collection; military time must be preferably employed. AM and PM should be stated in case normal time is employed.
Sample matrix:	Check appropriate space for the following sample matrix: water; solid; air; sludge; soil, solid, mixed waste, or other. In the event other is selected specify the sample matrix.
Sample type:	Write either an "x" or "xx" in the corresponding space next to the parameter. Sample types: xx- composite; x- grab.
Comments:	Sampler should specify field observations or abnormal conditions. For example: If spilt, trip blanks, field blanks or duplicates samples were taken.
Analysis:	Each parameter to be analyzed should be marked with an "X" or "XX"
Relinquished and received by:	When transferring the possession of samples the individuals relinquishing and receiving will sign, date, and note the time. This record documents sample custody transfer from the sampler, often through another person, to the laboratory. Each signature should be legible. If not legible, print name above signature.

- Note:
- (1) The field sampler is personally responsible for the care and custody of samples collected. As few people as possible should handle samples. When in-site measurement are made, the data are recorded directly in the chain-of-custody. For example: pH, temperature, dissolved oxygen, residual chlorine and flow measurements. If errors are made when completing any of these forms, the error must be crossed out with a single line and initialed and dated by the sampler.
 - (2) Beckton Environmental Laboratories follows SOP's for sampling, preservation and handling of samples. These procedures are of utmost importance if test values are representative of the source sample. Correct analytical methods are always employed.
 - (3) If a sample is found to be toxic (as per appropriate RCRA regulation) it will be returned to the client for proper disposal.
 - (4) The following preservatives must be always employed:
Refrigeration, 4°C for all samples; HNO₃ for trace metals, hardness and radioactivity; NaOH for cyanides; H₂SO₄ for phenolics, ammonia nitrogen, TKN, oil & grease, and phosphorus; Zn Acetate for sulfides. Other parameters are preserved as per appropriate SOP.

U.S. Environmental Protection Agency. NPDES Compliance Evaluation Inspection (MCD-75) Manual, Enforcement Division Office of Water Enforcement, Compliance Branch, Enforcement Division (EN-338), Washington, D.C. EPA January, 1981.

Florida Department of Environmental Protection, Comprehensive QA/QC, 1992.



BECKTON ENVIRONMENTAL
LABORATORIES, INC.

March 5, 1996

ANALYSIS REPORT

SAMPLE IDENTIFICATION: PBC Lines (Tube)
G.E., Fab. (Juana Díaz)

Att.: Nancy Texeira
Lab Name: Beckton Environmental Laboratories
Sampler: V. Castro
Matrix: Solid

Lab. sample ID: BEL-17180

Sample wt/vol: 50.0 (g/mL) g

Lab. File ID: 17180TCL

Column: (pack/cap) capillary

Date Received: 02/20/96

Date Extracted: 02/21/96

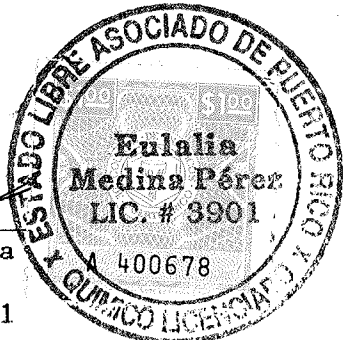
Date Analyzed: 02/29/96

MAXIMUM CONCENTRATION OF CONTAMINANTS
FOR CHARACTERISTIC OF TCLP TOXICITY

EPA HAZARDOUS WASTE NUMBER	CONTAMINANT	RESULTS (mg/L)	DETECTION LIMIT (mg/L)	REGULATORY LEVEL (mg/L)
METALS (SW-846 7000's)				
D004	Arsenic	N.D.	0.002	5.0
D005	Barium	0.8454	0.00009	100.0
D006	Cadmium	0.0006	0.00015	1.0
D007	Chromium	0.0468	0.0006	5.0
D008	Lead	0.0137	0.002	5.0
D009	Mercury	N.D.	0.0005	0.2
D010	Selenium	N.D.	0.002	1.0
D011	Silver	0.0010	0.00075	5.0

Certification and release of the data contained in this Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee.

Lcda. Eulalia Medina
Chemist
Chemist License 3901



192 VILLA STREET
PONCE, P.R. 00731

TEL. (809) 841-7373
FAX (809) 841-7313

GE_CARIBE001784

CHAIN OF CUSTODY RECORD

PROJECT NO.	COMPANY <u>BE Miana Diaz</u>	SAMPLER <u>V. Castro</u>
SAMPLE LOCATION/CLIENT ID	<u>PBC Lines</u>	TIME <u>10:15 AM</u>
SAMPLE DATE	<u>2-20-96</u>	BEL. NO. <u>17180</u>
		CONTROL NO. <u>5635</u>

1. General Environmental:

Acidity ()	Alkalinity ()
Ammonia as N ()	Bicarbonate ()
BOD-5 ()	Bromide ()
Chloride ()	Chlorine, Res. ()
COD ()	Color (ADMT) ()
Conductivity ()	Color (Pt-Co) ()
Dissolved Oxygen ()	Cyanide ()
Hardness ()	Fluoride ()
Moisture % ()	Iodine ()
Nitrite ()	Nitrate ()
Oil+Grease ()	Nitrate + Nitrite ()
Phenol ()	pH ()
Phosphorus, Total ()	Phosphate, Ortho ()
Sett. Solids mg/L ()	Sett. Solids mL/L ()
Sulfate ()	Solids, Total ()
Sulfite ()	Sulfide ()
TDS ()	Surfactant ()
Temperature ()	TSS ()
TOC ()	TKN ()
Asbestos in air ()	Turbidity ()

Relinquished by:

Garry Lefina
Date/Time: 11:00 AM 2/20/96

Received by:

V. Castro
Date/Time: 2-20-96 11:00 AM

Relinquished by:

V. Castro
Date/Time: 2-20-96 12:00 PM

Received by:

M. Vidal
Date/Time: 2/20/96 1:00 PM

Matrix:

air ()
water ()
sludge ()
soil ()
solid (X)
oil ()
mixed ()
other (X) Specify: PBC Tube

Turnaround time:

1 day ()
2 days ()
3 days ()
5 days ()

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders

Sample type legend:

grab samples x
composite samples xx

2. Metals

Aluminum (Al) ()	Cadmium (Cd) ()
Chromium (Cr) ()	Copper (Cu) ()
Iron (Fe) ()	Lead (Pb) ()
Manganese (Mn) ()	Mercury (Hg) ()
Nickel (Ni) ()	Selenium (Se) ()
Silver (Ag) ()	Tin (Sn) ()
Zinc (Zn) ()	Arsenic (As) ()
Barium (Ba) ()	Boron (B) ()
Antimony (Sb) ()	Beryllium (Be) ()
Bismuth (Bi) ()	Calcium (Ca) ()
Chromium, VI (CrVI) ()	Cobalt (Co) ()
Magnesium (Mg) ()	Molybdenum (Mo) ()
Potassium (K) ()	Silicon (Si) ()
Sodium (Na) ()	Strontium (Sr) ()
Thallium (Tl) ()	Titanium (Ti) ()
Vanadium (V) ()	

3. RCRA/Hazardous wastes

Ignitability (Flash Pt.) ()	Corrosivity ()
Reactivity (CN & S) ()	TCLP ()
RCRA Metals (X)	Organics-Pest/Herb ()
Organics-BNA ()	Organics-VOA ()
TOX ()	

4. Specific Organics

Volatiles ()	Semi-Volatiles (BNA) ()
Pesticides/PCB's ()	PCB's Only ()
Herbicides ()	TPH/Diesel (TPH/D) ()
BTEX ()	TTO ()
TTO & Dioxin ()	OTHER (Specify) ()

5. Microbiology

Fecal Coliform ()	Total Coliform ()
--------------------	--------------------

Comments:

Fecal Plate = 17181
TPH Plate = 17182

BECKTON ENVIRONMENTAL LABORATORIES

192 Villa Street ♦ Ponce, PR 00731

Tel.: 809-841-7373 ♦ Fax.: 809-841-7313

Original

GE_CARIBE001785

PROCEDURE FOR FILLING CHAIN OF CUSTODY FORM

[Ref.: Beckton's Environmental Laboratories SOP Number 5.0 adopted on May 24, 1995]

Scope And Application

This procedure is necessary to insure the validity of the data. Due to the evidentiary nature of samples collected during enforcement investigations, possession must be traceable from the time the samples are collected until they are introduced as evidence in legal proceedings.

Definition

According to the USEPA Office of Enforcement and Compliance Monitoring National Enforcement Investigation Center (NEIC) Policies and Procedures, May 1978 and revised on May 1986, a sample is under custody if:

1. it is in your possession, or
2. it is in your view, after being in your possession, or
3. it was in your possession and you locked it up, or
4. it is in a designated secure area.

Possession must be traceable from the time the samples are collected until they are finally disposed.

Procedure for filling chain-of-custody forms

Chain of custody shall be completed using black waterproof ink. The information recorded should include:

Project Number:	A number given to the project, optional.
Company:	The name of the Company. If there are companies with the same name, specify the city (place). Site where samples are obtained or specific project for which samples are collected.
Sampler:	Each sampler is identified.
BEL ID Number:	Laboratory Identification Number unique for each sample and assigned by Beckton.
Control No.:	A number assigned by Beckton for the purpose of sample tracking and invoicing. Customers will utilize this number for determining status of samples.
Date:	A six digit number indicating day of collection, month and the year.
Time:	A four digit number indicating time of collection; military time must be preferably employed. AM and PM should be stated in case normal time is employed.
Sample matrix:	Check appropriate space for the following sample matrix: water; solid; air; sludge, soil, solid, mixed waste, or other. In the event other is selected specify the sample matrix.
Sample type:	Write either an "x" or "xx" in the corresponding space next to the parameter. Sample types: xx- composite; x- grab.
Comments:	Sampler should specify field observations or abnormal conditions. For example: If spilt, trip blanks, field blanks or duplicate samples were taken.
Analysis:	Each parameter to be analyzed should be marked with an "X" or "XX"
Relinquished and received by:	When transferring the possession of samples the individuals relinquishing and receiving will sign, date, and note the time. This record documents sample custody transfer from the sampler, often through another person, to the laboratory. Each signature should be legible. If not legible, print name above signature.

- Note:
- (1) The field sampler is personally responsible for the care and custody of samples collected. As few people as possible should handle samples. When in-site measurement are made, the data are recorded directly in the chain-of-custody. For example: pH, temperature, dissolved oxygen, residual chlorine and flow measurements. If errors are made when completing any of these forms, the error must be crossed out with a single line and initialed and dated by the sampler.
 - (2) Beckton Environmental Laboratories follows SOP's for sampling, preservation and handling of samples. These procedures are of utmost importance if test values are representative of the source sample. Correct analytical methods are always employed.
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Refrigeration, 4°C for all samples; HNO₃ for trace metals, hardness and radioactivity; NaOH for cyanides; H₂SO₄ for phenolics, ammonia nitrogen, TKN, oil & grease, and phosphorus; Zn Acetate for sulfides. Other parameters are preserved as per appropriate SOP.

U.S. Environmental Protection Agency. NPDES Compliance Evaluation Inspection (MCD-75) Manual, Enforcement Division Office of Water Enforcement, Compliance Branch, Enforcement Division (EN-338), Washington, D.C. EPA January, 1981.

Florida Department of Environmental Protection, Comprehensive QA/QC, 1992.

CHAIN OF CUSTODY RECORD

PROJECT NO.	COMPANY <i>BE Environmental Services</i>	SAMPLER <i>V. C. ...</i>		
SAMPLE LOCATION/CLIENT ID	<i>UNKNOWN drum # 58</i>	TIME	<i>10:30 AM</i>	CONTROL NO.
SAMPLE DATE	<i>2-20-96</i>	BEL. NO.		<i>5634</i>

1. General Environmental:

Acidity ()	Alkalinity ()
Ammonia as N ()	Bicarbonate ()
BOD-5 ()	Bromide ()
Chloride ()	Chlorine, Res. ()
COD ()	Color (ADMI) ()
Conductivity ()	Color (Pt-Co) ()
Dissolved Oxygen ()	Cyanide ()
Hardness ()	Fluoride ()
Moisture % ()	Iodine ()
Nitrite ()	Nitrate ()
Oil + Grease ()	Nitrate + Nitrite ()
Phenol ()	pH ()
Phosphorus, Total ()	Phosphate, Ortho ()
Sett. Solids mg/L ()	Sett. Solids mL/L ()
Sulfate ()	Solids, Total ()
Sulfite ()	Sulfide ()
TDS ()	Surfactant ()
Temperature ()	TSS ()
TOC ()	TKN ()
Asbestos in air ()	Turbidity ()

Relinquished by:

Gary L. ...
 Date/Time: *11:00 AM 2/20/96*

Received by:

V. C. ...
 Date/Time: *2-20-96 11:00 AM*

Relinquished by:

 Date/Time: _____

Received by:

 Date/Time: _____

2. Metals

Aluminum (Al) ()	Cadmium (Cd) ()
Chromium (Cr) ()	Copper (Cu) ()
Iron (Fe) ()	Lead (Pb) ()
Manganese (Mn) ()	Mercury (Hg) ()
Nickel (Ni) ()	Selenium (Se) ()
Silver (Ag) ()	Tin (Sn) ()
Zinc (Zn) ()	Arsenic (As) ()
Barium (Ba) ()	Boron (B) ()
Antimony (Sb) ()	Beryllium (Be) ()
Bismuth (Bi) ()	Calcium (Ca) ()
Chromium, VI (CrVI) ()	Cobalt (Co) ()
Magnesium (Mg) ()	Molybdenum (Mo) ()
Potassium (K) ()	Silicon (Si) ()
Sodium (Na) ()	Strontium (Sr) ()
Thallium (Tl) ()	Titanium (Ti) ()
Vanadium (V) ()	

Matrix:

air ()
 water (X)
 sludge ()
 soil ()
 solid ()
 oil ()
 mixed ()
 other () Specify: _____

Turnaround time:

1 day ()
 2 days ()
 3 days ()
 5 days ()

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders

Sample type legend:

grab samples x
 composite samples xx

3. RCRA/Hazardous wastes

Ignitability (Flash Pt.) (X)	Corrosivity (X)
Reactivity (CN & S) (X)	TCLP (X)
RCRA Metals (X)	Organics-Pest/Herb (X)
Organics-BNA (X)	Organics-VOA (X)
TOX ()	

4. Specific Organics

Volatiles ()	Semi-Volatiles (BNA) ()
Pesticides/PCB's ()	PCB's Only ()
Herbicides ()	TPH/Diesel (TPH/D) ()
BTEX ()	TTO ()
TTO & Dioxin ()	OTHER (Specify) ()

5. Microbiology

Fecal Coliform ()	Total Coliform ()
--------------------	--------------------

Comments:

BECKTON ENVIRONMENTAL LABORATORIES

192 Villa Street ♦ Ponce, PR 00731

Tel.: 809-841-7373 ♦ Fax.: 809-841-7313

Client

GE_CARIBE001787

PROCEDURE FOR FILLING CHAIN OF CUSTODY FORM

[Ref.: Beckton's Environmental Laboratories SOP Number 5.0 adopted on May 24, 1995]

Scope And Application

This procedure is necessary to insure the validity of the data. Due to the evidentiary nature of samples collected during enforcement investigations, possession must be traceable from the time the samples are collected until they are introduced as evidence in legal proceedings.

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3. it was in your possession and you locked it up, or
4. it is in a designated secure area.

Possession must be traceable from the time the samples are collected until they are finally disposed.

Procedure for filling chain-of-custody forms

Chain of custody shall be completed using black waterproof ink. The information recorded should include:

Project Number:	A number given to the project, optional.
Company:	The name of the Company. If there are companies with the same name, specify the city (place). Site where samples are obtained or specific project for which samples are collected.
Sampler:	Each sampler is identified.
BEL ID Number:	Laboratory Identification Number unique for each sample and assigned by Beckton.
Control No.:	A number assigned by Beckton for the purpose of sample tracking and invoicing. Customers will utilize this number for determining status of samples.
Date:	A six digit number indicating day of collection, month and the year.
Time:	A four digit number indicating time of collection; military time must be preferably employed. AM and PM should be stated in case normal time is employed.
Sample matrix:	Check appropriate space for the following sample matrix: water; solid; air; sludge, soil, solid, mixed waste, or other. In the event other is selected specify the sample matrix.
Sample type:	Write either an "x" or "xx" in the corresponding space next to the parameter. Sample types: xx- composite; x- grab.
Comments:	Sampler should specify field observations or abnormal conditions. For example: If spilt, trip blanks, field blanks or duplicates samples were taken.
Analysis:	Each parameter to be analyzed should be marked with an "X" or "XX"
Relinquished and received by:	When transferring the possession of samples the individuals relinquishing and receiving will sign, date, and note the time. This record documents sample custody transfer from the sampler, often through another person, to the laboratory. Each signature should be legible. If not legible, print name above signature.

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 - (2) Beckton Environmental Laboratories follows SOP's for sampling, preservation and handling of samples. These procedures are of utmost importance if test values are representative of the source sample. Correct analytical methods are always employed.
 - (3) If a sample is found to be toxic (as per appropriate RCRA regulation) it will be returned to the client for proper disposal.
 - (4) The following preservatives must be always employed:
Refrigeration, 4°C for all samples; HNO₃ for trace metals, hardness and radioactivity; NaOH for cyanides; H₂SO₄ for phenolics, ammonia nitrogen, TKN, oil & grease, and phosphorus; Zn Acetate for sulfides. Other parameters are preserved as per appropriate SOP.

U.S. Environmental Protection Agency. NPDES Compliance Evaluation Inspection (MCD-75) Manual, Enforcement Division Office of Water Enforcement, Compliance Branch, Enforcement Division (EN-338), Washington, D.C. EPA January, 1981.

Florida Department of Environmental Protection, Comprehensive QA/QC, 1992.

CHAIN OF CUSTODY RECORD

PROJECT NO.	COMPANY <u>GE Environmental</u>	SAMPLER <u>V. Costa</u>	
SAMPLE LOCATION/CLIENT ID	<u>PBC Lines</u>	TIME	<u>10:15 AM</u>
SAMPLE DATE	<u>2-20-96</u>	BEL. NO.	<u>5635</u>

1. General Environmental:

Acidity	()	Alkalinity	()
Ammonia as N	()	Bicarbonate	()
BOD-5	()	Bromide	()
Chloride	()	Chlorine, Res.	()
COD	()	Color (ADMI)	()
Conductivity	()	Color (Pt-Co)	()
Dissolved Oxygen	()	Cyanide	()
Hardness	()	Fluoride	()
Moisture %	()	Iodine	()
Nitrite	()	Nitrate	()
Oil + Grease	()	Nitrate + Nitrite	()
Phenol	()	pH	().....
Phosphorus, Total	()	Phosphate, Ortho	()
Sett. Solids mg/L	()	Sett. Solids mL/L	()
Sulfate	()	Solids, Total	()
Sulfite	()	Sulfide	()
TDS	()	Surfactant	()
Temperature	().....	TSS	()
TOC	()	TKN	()
Asbestos in air	()	Turbidity	()

Relinquished by:

Yanny Lefina
Date/Time: 11:00 AM 2/19/96

Received by:

V. Costa
Date/Time: 2-20-96 11:20 AM

Relinquished by:

Date/Time: _____

Received by:

Date/Time: _____

Matrix:

air ()
water ()
sludge ()
soil ()
solid (X)
oil ()
mixed ()
other (X) Specify: PBC

Turnaround time:

1 day ()
2 days ()
3 days ()
5 days ()

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders

Sample type legend:

grab samples x
composite samples xx

2. Metals

Aluminum	(Al)	()	Cadmium	(Cd)	()
Chromium	(Cr)	()	Copper	(Cu)	()
Iron	(Fe)	()	Lead	(Pb)	()
Manganese	(Mn)	()	Mercury	(Hg)	()
Nickel	(Ni)	()	Selenium	(Se)	()
Silver	(Ag)	()	Tin	(Sn)	()
Zinc	(Zn)	()	Arsenic	(As)	()
Barium	(Ba)	()	Boron	(B)	()
Antimony	(Sb)	()	Beryllium	(Be)	()
Bismuth	(Bi)	()	Calcium	(Ca)	()
Chromium, VI	(CrVI)	()	Cobalt	(Co)	()
Magnesium	(Mg)	()	Molybdenum	(Mo)	()
Potassium	(K)	()	Silicon	(Si)	()
Sodium	(Na)	()	Strontium	(Sr)	()
Thallium	(Tl)	()	Titanium	(Ti)	()
Vanadium	(V)	()			

3. RCRA/Hazardous wastes

Ignitability (Flash Pt.)	()	Corrosivity	()
Reactivity (CN & S)	()	TCLP	()
RCRA Metals	(X)	Organics-Pest/Herb	()
Organics-BNA	()	Organics-VOA	()
TOX	()		

4. Specific Organics

Volatiles	()	Semi-Volatiles (BNA)	()
Pesticides/PCB's	()	PCB's Only	()
Herbicides	()	TPH/Diesel (TPH/D)	()
BTEX	()	TTO	()
TTO & Dioxin	()	OTHER (Specify)	()

5. Microbiology

Fecal Coliform	()	Total Coliform	()
----------------	-----	----------------	-----

Comments: _____

BECKTON ENVIRONMENTAL LABORATORIES

192 Villa Street ♦ Ponce, PR 00731

Tel.: 809-841-7373 ♦ Fax.: 809-841-7313

Client

GE_CARIBE001789

PROCEDURE FOR FILLING CHAIN OF CUSTODY FORM

[Ref.: Beckton's Environmental Laboratories SOP Number 5.0 adopted on May 24, 1995]

Scope And Application

This procedure is necessary to insure the validity of the data. Due to the evidentiary nature of samples collected during enforcement investigations, possession must be traceable from the time the samples are collected until they are introduced as evidence in legal proceedings.

Definition

According to the USEPA Office of Enforcement and Compliance Monitoring National Enforcement Investigation Center (NEIC) Policies and Procedures, May 1978 and revised on May 1986, a sample is under custody if:

1. it is in your possession, or
2. it is in your view, after being in your possession, or
3. it was in your possession and you locked it up, or
4. it is in a designated secure area.

Possession must be traceable from the time the samples are collected until they are finally disposed.

Procedure for filling chain-of-custody forms

Chain of custody shall be completed using black waterproof ink. The information recorded should include:

Project Number:	A number given to the project, optional.
Company:	The name of the Company. If there are companies with the same name, specify the city (place). Site where samples are obtained or specific project for which samples are collected.
Sampler:	Each sampler is identified.
BEL ID Number:	Laboratory Identification Number unique for each sample and assigned by Beckton.
Control No.:	A number assigned by Beckton for the purpose of sample tracking and invoicing. Customers will utilize this number for determining status of samples.
Date:	A six digit number indicating day of collection, month and the year.
Time:	A four digit number indicating time of collection; military time must be preferably employed. AM and PM should be stated in case normal time is employed.
Sample matrix:	Check appropriate space for the following sample matrix: water; solid; air; sludge, soil, solid, mixed waste, or other. In the event other is selected specify the sample matrix.
Sample type:	Write either an "x" or "xx" in the corresponding space next to the parameter. Sample types: xx- composite; x- grab.
Comments:	Sampler should specify field observations or abnormal conditions. For example: If spill, trip blanks, field blanks or duplicates samples were taken.
Analysis:	Each parameter to be analyzed should be marked with an "X" or "XX"
Relinquished and received by:	When transferring the possession of samples the individuals relinquishing and receiving will sign, date, and note the time. This record documents sample custody transfer from the sampler, often through another person, to the laboratory. Each signature should be legible. If not legible, print name above signature.

- Note:
- (1) The field sampler is personally responsible for the care and custody of samples collected. As few people as possible should handle samples. When in-site measurement are made, the data are recorded directly in the chain-of-custody. For example: pH, temperature, dissolved oxygen, residual chlorine and flow measurements. If errors are made when completing any of these forms, the error must be crossed out with a single line and initialed and dated by the sampler.
 - (2) Beckton Environmental Laboratories follows SOP's for sampling, preservation and handling of samples. These procedures are of utmost importance if test values are representative of the source sample. Correct analytical methods are always employed.
 - (3) If a sample is found to be toxic (as per appropriate RCRA regulation) it will be returned to the client for proper disposal.
 - (4) The following preservatives must be always employed:
Refrigeration, 4°C for all samples; HNO₃ for trace metals, hardness and radioactivity; NaOH for cyanides; H₂SO₄ for phenolics, ammonia nitrogen, TKN, oil & grease, and phosphorus; Zn Acetate for sulfides. Other parameters are preserved as per appropriate SOP.

U.S. Environmental Protection Agency. NPDES Compliance Evaluation Inspection (MCD-75) Manual, Enforcement Division Office of Water Enforcement, Compliance Branch, Enforcement Division (EN-338), Washington, D.C. EPA January, 1981.

Florida Department of Environmental Protection, Comprehensive QA/QC, 1992.

CHAIN OF CUSTODY RECORD

PROJECT NO.	COMPANY <i>GE Environmental Division</i>	SAMPLER <i>V. Carsten</i>		
SAMPLE LOCATION/CLIENT ID	<i>WWTP cleaning water</i>	TIME	<i>10:45AM</i>	CONTROL NO.
SAMPLE DATE	<i>2-20-96</i>	BEL. NO.		<i>5636</i>

1. General Environmental:

Acidity ()	Alkalinity ()
Ammonia as N ()	Bicarbonate ()
BOD-5 ()	Bromide ()
Chloride ()	Chlorine, Res. ()
COD ()	Color (ADMI) ()
Conductivity ()	Color (Pt-Co) ()
Dissolved Oxygen ()	Cyanide ()
Hardness ()	Fluoride ()
Moisture % ()	Iodine ()
Nitrite ()	Nitrate ()
Oil + Grease ()	Nitrate + Nitrite ()
Phenol ()	pH ().....
Phosphorus, Total ()	Phosphate, Ortho ()
Sett. Solids mg/L ()	Sett. Solids mL/L ()
Sulfate ()	Solids, Total ()
Sulfite ()	Sulfide ()
TDS ()	Surfactant ()
Temperature ().....	TSS ()
TOC ()	TKN ()
Asbestos in air ()	Turbidity ()

Relinquished by:

Jancy Lefebvre
Date/Time: *11:00 a.m. 2/17/96*

Received by:

V. Carsten
Date/Time: *2-20-96 11:00AM*

Relinquished by:

Date/Time:

Received by:

Date/Time:

Matrix:

air ()
water (XX)
sludge ()
soil ()
solid ()
oil ()
mixed ()
other () Specify: _____

Turnaround time:

1 day ()
2 days ()
3 days ()
5 days ()

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders

Sample type legend:

grab samples x
composite samples xx

2. Metals

Aluminum (Al) ()	Cadmium (Cd) ()
Chromium (Cr) ()	Copper (Cu) ()
Iron (Fe) ()	Lead (Pb) ()
Manganese (Mn) ()	Mercury (Hg) ()
Nickel (Ni) ()	Selenium (Se) ()
Silver (Ag) ()	Tin (Sn) ()
Zinc (Zn) ()	Arsenic (As) ()
Barium (Ba) ()	Boron (B) ()
Antimony (Sb) ()	Beryllium (Be) ()
Bismuth (Bi) ()	Calcium (Ca) ()
Chromium, VI (CrVI) ()	Cobalt (Co) ()
Magnesium (Mg) ()	Molybdenum (Mo) ()
Potassium (K) ()	Silicon (Si) ()
Sodium (Na) ()	Strontium (Sr) ()
Thallium (Tl) ()	Titanium (Ti) ()
Vanadium (V) ()	

3. RCRA/Hazardous wastes

Ignitability (Flash Pt.) (XX)	Corrosivity (XX)
Reactivity (CN & S) (XX)	TCLP ()
RCRA Metals ()	Organics-Pest/Herb ()
Organics-BNA ()	Organics-VOA ()
TOX ()	

4. Specific Organics

Volatiles ()	Semi-Volatiles (BNA) ()
Pesticides/PCB's ()	PCB's Only ()
Herbicides ()	TPH/Diesel (TPH/D) ()
BTEX ()	TTO ()
TTO & Dioxin ()	OTHER (Specify) ()

5. Microbiology

Fecal Coliform ()	Total Coliform ()
--------------------	--------------------

Comments:

BECKTON ENVIRONMENTAL LABORATORIES

192 Villa Street ♦ Ponce, PR 00731

Tel.: 809-841-7373 ♦ Fax.: 809-841-7313

Client

GE_CARIBE001791

PROCEDURE FOR FILLING CHAIN OF CUSTODY FORM

[Ref.: Beckton's Environmental Laboratories SOP Number 5.0 adopted on May 24, 1995]

Scope And Application

This procedure is necessary to insure the validity of the data. Due to the evidentiary nature of samples collected during enforcement investigations, possession must be traceable from the time the samples are collected until they are introduced as evidence in legal proceedings.

Definition

According to the USEPA Office of Enforcement and Compliance Monitoring National Enforcement Investigation Center (NEIC) Policies and Procedures, May 1978 and revised on May 1986, a sample is under custody if:

1. it is in your possession, or
2. it is in your view, after being in your possession, or
3. it was in your possession and you locked it up, or
4. it is in a designated secure area.

Possession must be traceable from the time the samples are collected until they are finally disposed.

Procedure for filling chain-of-custody forms

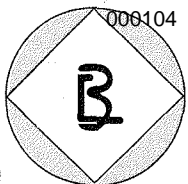
Chain of custody shall be completed using black waterproof ink. The information recorded should include:

Project Number:	A number given to the project, optional.
Company:	The name of the Company. If there are companies with the same name, specify the city (place). Site where samples are obtained or specific project for which samples are collected.
Sampler:	Each sampler is identified.
BEL ID Number:	Laboratory Identification Number unique for each sample and assigned by Beckton.
Control No.:	A number assigned by Beckton for the purpose of sample tracking and invoicing. Customers will utilize this number for determining status of samples.
Date:	A six digit number indicating day of collection, month and the year.
Time:	A four digit number indicating time of collection; military time must be preferably employed. AM and PM should be stated in case normal time is employed.
Sample matrix:	Check appropriate space for the following sample matrix: water; solid; air; sludge, soil, solid, mixed waste, or other. In the event other is selected specify the sample matrix.
Sample type:	Write either an "x" or "xx" in the corresponding space next to the parameter. Sample types: xx- composite; x- grab.
Comments:	Sampler should specify field observations or abnormal conditions. For example: If spilt, trip blanks, field blanks or duplicates samples were taken.
Analysis:	Each parameter to be analyzed should be marked with an "X" or "XX"
Relinquished and received by:	When transferring the possession of samples the individuals relinquishing and receiving will sign, date, and note the time. This record documents sample custody transfer from the sampler, often through another person, to the laboratory. Each signature should be legible. If not legible, print name above signature.

- Note:
- (1) The field sampler is personally responsible for the care and custody of samples collected. As few people as possible should handle samples. When in-site measurement are made, the data are recorded directly in the chain-of-custody. For example: pH, temperature, dissolved oxygen, residual chlorine and flow measurements. If errors are made when completing any of these forms, the error must be crossed out with a single line and initialed and dated by the sampler.
 - (2) Beckton Environmental Laboratories follows SOP's for sampling, preservation and handling of samples. These procedures are of utmost importance if test values are representative of the source sample. Correct analytical methods are always employed.
 - (3) If a sample is found to be toxic (as per appropriate RCRA regulation) it will be returned to the client for proper disposal.
 - (4) The following preservatives must be always employed:
Refrigeration, 4°C for all samples; HNO₃ for trace metals, hardness and radioactivity; NaOH for cyanides; H₂SO₄ for phenolics, ammonia nitrogen, TKN, oil & grease, and phosphorus; Zn Acetate for sulfides. Other parameters are preserved as per appropriate SOP.

U.S. Environmental Protection Agency. NPDES Compliance Evaluation Inspection (MCD-75) Manual, Enforcement Division Office of Water Enforcement, Compliance Branch, Enforcement Division (EN-338), Washington, D.C. EPA January, 1981.

Florida Department of Environmental Protection, Comprehensive QA/QC, 1992.



BECKTON ENVIRONMENTAL

LABORATORIES, INC.

ANALYSIS REPORT

Att.: Ms. Nancy Texeira
General Electric- Juana Díaz

Date: September 26, 1996

Lab Name: Beckton Environmental Laboratories
Lab. sample ID: BEL-21730 Date: 09/06/96



Contract: General Electric
Description: Agua de Lavado (IDM)

Lab. file ID: BEL21730

Sampled by: N. Rivera

PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-21730
Temperature	170.1	Spot	°C	27.0
pH	150.1	Spot	S. U.	7.78
Aluminum	200.7(ICAP)	Grab	mg/L	2.718
Cadmium	200.7(ICAP)	Grab	mg/L	0.0373
Cr, Total	200.7(ICAP)	Grab	mg/L	7.919
Copper	200.7(ICAP)	Grab	mg/L	153.
Iron	200.7(ICAP)	Grab	mg/L	172.
Lead	200.7(ICAP)	Grab	mg/L	0.0395
Manganese	200.7(ICAP)	Grab	mg/L	0.7208
Mercury	245.1	Grab	mg/L	<0.0004
Nickel	200.7(ICAP)	Grab	mg/L	0.4013
Selenium	200.7(ICAP)	Grab	mg/L	<0.002
Silver	200.7(ICAP)	Grab	mg/L	<0.00075
Tin	200.7(ICAP)	Grab	mg/L	<1.0
Zinc	200.7(ICAP)	Grab	mg/L	56.17
BOD5	405.1	Grab	mg/L	39.8
COD	410.4	Grab	mg/L	478.
Oil & Grease	413.1	Grab	mg/L	13.2
SS	Std. Method	Grab	mg/L	582.
Cyanide	335.2	Grab	mg/L	<0.02
TSS	160.1	Grab	mg/L	573.
Flash Point	SW-846 1010	Grab	mg/L	>140

Certification and release of the data contained in the Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee.


Lcdo. Rafael Infante Méndez
Laboratory Director
Chemist License #1888


192 VILLA STREET
PONCE, P.R. 00731

TEL: (787) 841-7373
FAX (787) 841-7313

GE_CARIBE001793

CHAIN OF CUSTODY RECORD

PROJECT NO.	COMPANY <i>G.E. Juan Diaz</i>	SAMPLER <i>N. Rivera</i>	
SAMPLE LOCATION/CLIENT ID	<i>Agua de Lourdes (IDM)</i>	TIME	<i>11:28 AM</i>
SAMPLE DATE	<i>9-6-96</i>	BEL. NO.	<i>21730</i>
		CONTROL NO. <i>13878</i>	

1. General Environmental:

Acidity	()	Alkalinity	()
Ammonia as N	()	Bicarbonate	()
BOD-5	<input checked="" type="checkbox"/>	Bromide	()
Chloride	()	Chlorine, Res.	()
COD	<input checked="" type="checkbox"/>	Color (ADMI)	()
Conductivity	()	Color (Pt-Co)	()
Dissolved Oxygen	()	Cyanide	<input checked="" type="checkbox"/>
Hardness	()	Fluoride	()
Moisture %	()	Iodine	()
Nitrite	()	Nitrate	()
Oil + Grease	<input checked="" type="checkbox"/>	Nitrate + Nitrite	()
Phenol	()	pH	<input checked="" type="checkbox"/> 7.78
Phosphorus, Total	()	Phosphate, Ortho	()
Sett. Solids mg/L	<input checked="" type="checkbox"/>	Sett. Solids mL/L	()
Sulfate	()	Solids, Total	()
Sulfite	()	Sulfide	()
TDS	()	Surfactant	()
Temperature	<input checked="" type="checkbox"/> 27.0°C	TSS	<input checked="" type="checkbox"/>
TOC	()	TKN	()
Asbestos in air	()	Turbidity	()

Relinquished by:

Jorge A. Perez
Date/Time: *9/6/96 11:30 A.M.*

Received by:

Veglat Rivera
Date/Time: *9-6-96 11:35 AM*

Relinquished by:

Veglat Rivera
Date/Time: *9-6-96 1:30 PM*

Received by:

Berastain
Date/Time: *9/6/96 4:00 PM*

Matrix:

air	()
water	<input checked="" type="checkbox"/>
sludge	()
soil	()
solid	()
oil	()
mixed	()
other	() Specify: _____

Turnaround time:

1 day	()
2 days	()
3 days	()
5 days	()

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders

Sample type legend:

grab samples	x
composite samples	xx

2. Metals

Aluminum	(Al)	<input checked="" type="checkbox"/>	Cadmium	(Cd)	<input checked="" type="checkbox"/>
Chromium	(Cr)	<input checked="" type="checkbox"/>	Copper	(Cu)	<input checked="" type="checkbox"/>
Iron	(Fe)	<input checked="" type="checkbox"/>	Lead	(Pb)	<input checked="" type="checkbox"/>
Manganese	(Mn)	<input checked="" type="checkbox"/>	Mercury	(Hg)	<input checked="" type="checkbox"/>
Nickel	(Ni)	<input checked="" type="checkbox"/>	Selenium	(Se)	<input checked="" type="checkbox"/>
Silver	(Ag)	<input checked="" type="checkbox"/>	Tin	(Sn)	<input checked="" type="checkbox"/>
Zinc	(Zn)	<input checked="" type="checkbox"/>	Arsenic	(As)	()
Barium	(Ba)	()	Boron	(B)	()
Antimony	(Sb)	()	Beryllium	(Be)	()
Bismuth	(Bi)	()	Calcium	(Ca)	()
Chromium, VI	(CrVI)	()	Cobalt	(Co)	()
Magnesium	(Mg)	()	Molybdenum	(Mo)	()
Potassium	(K)	()	Silicon	(Si)	()
Sodium	(Na)	()	Strontium	(Sr)	()
Thallium	(Tl)	()	Titanium	(Ti)	()
Vanadium	(V)	()			

3. RCRA/Hazardous wastes

Ignitability (Flash Pt.)	<input checked="" type="checkbox"/>	Corrosivity	()
Reactivity (CN & S)	()	TCLP	()
RCRA Metals	()	Organics-Pest/Herb	()
Organics-BNA	()	Organics-VOA	()
TOX	()		

4. Specific Organics

Volatiles	()	Semi-Volatiles (BNA)	()
Pesticides/PCB's	()	PCB's Only	()
Herbicides	()	TPH/Diesel (TPH/D)	()
BTEX	()	TTO	()
TTO & Dioxin	()	OTHER (Specify) _____	()

5. Microbiology

Fecal Coliform	()	Total Coliform	()
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Comments: _____

BECKTON ENVIRONMENTAL LABORATORIES

192 Villa Street ♦ Ponce, PR 00731

Tel.: 809-841-7373 ♦ Fax.: 809-841-7313

Original

GE_CARIBE001794

PROCEDURE FOR FILLING CHAIN OF CUSTODY FORM

[Ref.: Beckton's Environmental Laboratories SOP Number 5.0 adopted on May 24, 1995]

Scope And Application

This procedure is necessary to insure the validity of the data. Due to the evidentiary nature of samples collected during enforcement investigations, possession must be traceable from the time the samples are collected until they are introduced as evidence in legal proceedings.

Definition

According to the USEPA Office of Enforcement and Compliance Monitoring National Enforcement Investigation Center (NEIC) Policies and Procedures, May 1978 and revised on May 1986, a sample is under custody if:

1. it is in your possession, or
2. it is in your view, after being in your possession, or
3. it was in your possession and you locked it up, or
4. it is in a designated secure area.

Possession must be traceable from the time the samples are collected until they are finally disposed.

Procedure for filling chain-of-custody forms

Chain of custody shall be completed using black waterproof ink. The information recorded should include:

Project Number:

A number given to the project, optional.

Company:

The name of the Company. If there are companies with the same name, specify the city (place). Site where samples are obtained or specific project for which samples are collected.

Sampler:

Each sampler is identified.

BEL ID Number:

Laboratory Identification Number unique for each sample and assigned by Beckton.

Control No.:

A number assigned by Beckton for the purpose of sample tracking and invoicing. Customers will utilize this number for determining status of samples.

Date:

A six digit number indicating day of collection, month and the year.

Time:

A four digit number indicating time of collection; military time must be preferably employed. AM and PM should be stated in case normal time is employed.

Sample matrix:

Check appropriate space for the following sample matrix: water; solid; air; sludge, soil, solid, mixed waste, or other. In the event other is selected specify the sample matrix.

Sample type:

Write either an "x" or "xx" in the corresponding space next to the parameter. Sample types: xx- composite; x- grab.

Comments:

Sampler should specify field observations or abnormal conditions. For example: If spilt, trip blanks, field blanks or duplicate samples were taken.

Analysis:

Each parameter to be analyzed should be marked with an "X" or "XX"

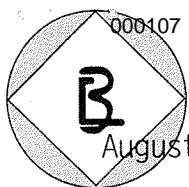
Relinquished and received by:

When transferring the possession of samples the individuals relinquishing and receiving will sign, date, and note the time. This record documents sample custody transfer from the sampler, often through another person, to the laboratory. Each signature should be legible. If not legible, print name above signature.

- Note:
- (1) The field sampler is personally responsible for the care and custody of samples collected. As few people as possible should handle samples. When in-site measurement are made, the data are recorded directly in the chain-of-custody. For example: pH, temperature, dissolved oxygen, residual chlorine and flow measurements. If errors are made when completing any of these forms, the error must be crossed out with a single line and initialed and dated by the sampler.
 - (2) Beckton Environmental Laboratories follows SOP's for sampling, preservation and handling of samples. These procedures are of utmost importance if test values are representative of the source sample. Correct analytical methods are always employed.
 - (3) If a sample is found to be toxic (as per appropriate RCRA regulation) it will be returned to the client for proper disposal.
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Refrigeration, 4°C for all samples; HNO₃ for trace metals, hardness and radioactivity; NaOH for cyanides; H₂SO₄ for phenolics, ammonia nitrogen, TKN, oil & grease, and phosphorus; Zn Acetate for sulfides. Other parameters are preserved as per appropriate SOP.

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Florida Department of Environmental Protection, Comprehensive QA/QC, 1992.



BECKTON ENVIRONMENTAL

LABORATORIES, INC.

August 18, 1996

ANALYSIS REPORT

SAMPLE IDENTIFICATION: Tanque de Ponce
G.E., Juana Díaz

Lab Name: Beckton Environmental Laboratories

Sampler: L. Rivera

Matrix: Solid

Lab. sample ID: BEL-20855

Sample wt/vol: 200/25.0 (g/mL) g

Lab. File ID: 20855TCL

Column: (pack/cap) capillary

Date Received: 07/31/96

Date Extracted: 07/31/96

Date Analyzed: 08/12/96 (V)

08/13/96 (H)

08/08/96 (P)

08/09/96 (SV)

MAXIMUM CONCENTRATION OF CONTAMINANTS FOR CHARACTERISTIC OF TCLP TOXICITY

EPA HAZARDOUS WASTE NUMBER	CONTAMINANT	RESULTS (mg/L)	DETECTION LIMIT (mg/L)	REGULATORY LEVEL (mg/L)
METALS (SW-846 7000's)				
D004	Arsenic	N.D.	0.005	5.0
D005	Barium	N.D.	0.300	100.0
D006	Cadmium	0.201	0.01	1.0
D007	Chromium	N.D.	0.05	5.0
D008	Lead	N.D.	0.500	5.0
D009	Mercury	N.D.	0.0004	0.2
D010	Selenium	N.D.	0.005	1.0
D011	Silver	N.D.	0.02	5.0
PESTICIDES (SW-846 8080)				
D020	Chlordane	N.D.	0.002	0.03
D012	Endrin	N.D.	0.002	0.02
D031	Heptachlor (and its OH)	N.D.	0.0005	0.008
D013	Lindane	N.D.	0.004	0.4
D014	Methoxychlor	N.D.	0.010	10.0
D015	Toxaphene	N.D.	0.025	0.5

N.D. - not detected



BECKTON ENVIRONMENTAL

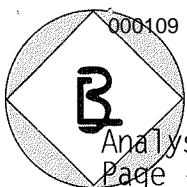
LABORATORIES, INC.

Analysis Report
Page 2

SAMPLE IDENTIFICATION: BEL-20855

EPA HAZRDOUS WASTE NUMBER	CONTAMINANT	RESULTS (mg/L)	DETECTION LIMIT (mg/L)	REGULATORY LEVEL (mg/L)
HERBICIDES (SW-846 8150)				
D016	2,4-D	N.D.	.25	10.0
D017	2,4,5-TP (Silvex)	0.102	.05	1.0
VOLATILE ORGANICS (SW-846 8010; 8015; 8021)				
D018	Benzene	N.D.	.040	0.5
D019	Carbon Tetrachloride	N.D.	.040	0.5
D021	Chlorobenzene	N.D.	.040	100.0
D022	Chloroform	0.454	.040	6.0
D027	1,4-Dichlorobenzene	N.D.	.040	7.5
D028	1,2-Dichloroethane	N.D.	.040	0.5
D029	1,1-Dichloroethylene	N.D.	.040	0.7
D035	Methyl Ethyl Ketone	N.D.	5.00	200.0
D039	Tetrachloroethylene	N.D.	.040	0.7
D040	Trichloroethylene	N.D.	.040	0.5
D043	Vinyl Chloride	N.D.	.020	0.2
SEMI-VOLATILE ORGANICS (SW 8270)				
D023	o-Cresol	N.D.	.01	200.0
D024	m-Cresol	N.D.	.01	200.0
D025	p-Cresol	N.D.	.01	200.0
D030	2,4-Dinitrotoluene	N.D.	.01	0.13
D032	Hexachlorobenzene	N.D.	.01	0.13
D033	Hexachloro-1,3-butadiene	N.D.	.01	0.5
D034	Hexachloroethane	N.D.	.01	3.0
D036	Nitrobenzene	N.D.	.01	2.0
D037	Pentachlorophenol	N.D.	.01	100.0
D038	Pyridine	N.D.	.01	5.0
D041	2,4,5-Trichlorophenol	N.D.	.01	400.0
D042	2,4,6-Trichlorophenol	N.D.	.01	2.0

N.D. - not detected



BECKTON ENVIRONMENTAL

LABORATORIES, INC.

Analysis Report
Page -3-

SAMPLE IDENTIFICATION: BEL-20855

IGNITABILITY: Hazardous Waste Number D 001

Flash point. Not applicable. The U.S. Environmental Protection Agency have not published a method to determine flammability of solid samples.

The samples identified above does not have any of the properties defined and assigned to ignitable liquid wastes.

CORROSIVITY: Hazardous Wastes Number D 002

Sample does not exhibit the characteristics of corrosivity according to U.S. Environmental Protection Agency, Manual SW 846, "Test Methods for Evaluating Solid Wastes".


pH not applicable. However, for handling purposes the pH of the sample measured in water was 8.54 at 23 ° C.

REACTIVITY: Hazardous Wastes Number D 003

Sample does not exhibit the characteristics of reactivity according to U.S. Environmental Protection Agency, Manual SW 846, "Test Methods for Evaluating Solid Wastes".

Sulfide	< 10	ppm (500 ppm limit)
Cyanide	< 10	ppm (250 ppm limit)

Certification and release of the data contained in this Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee.


Lcdo. Teodoro V. Quinones
QC Officer
Chemist License 3215



CHAIN OF CUSTODY RECORD

PROJECT NO.	COMPANY <u>G.E. JUAN DIAZ</u>	SAMPLER <u>C. RIVERA</u>		
SAMPLE LOCATION/CLIENT ID	<u>TANQUE d Ponce</u>	TIME	<u>10:30</u>	CONTROL NO.
SAMPLE DATE	<u>7-31-96</u>	BEL. NO.	<u>20855</u>	<u>2876</u>

1. General Environmental:

Acidity ()	Alkalinity ()
Ammonia as N ()	Bicarbonate ()
BOD-5 ()	Bromide ()
Chloride ()	Chlorine, Res. ()
COD ()	Color (ADMI) ()
Conductivity ()	Color (Pt-Co) ()
Dissolved Oxygen ()	Cyanide ()
Hardness ()	Fluoride ()
Moisture % ()	Iodine ()
Nitrite ()	Nitrate ()
Oil + Grease ()	Nitrate + Nitrite ()
Phenol ()	pH ()
Phosphorus, Total ()	Phosphate, Ortho ()
Sett. Solids mg/L ()	Sett. Solids mL/L ()
Sulfate ()	Solids, Total ()
Sulfite ()	Sulfide ()
TDS ()	Surfactant ()
Temperature ()	TSS ()
TOC ()	TKN ()
Asbestos in air ()	Turbidity ()

Relinquished by:

L. JordanDate/Time: 7/31/96 / 11:00 AM

Received by:

[Signature]Date/Time: 7-31-96 - 11:05 AM

Relinquished by:

[Signature]Date/Time: 7-31-96, 2:00 PM

Received by:

[Signature]Date/Time: 7/31/96 5:00pm

Matrix:

air	()
water	()
sludge	()
soil	()
solid	()
oil	()
mixed	()
other	(X) Specify: <u>SA, Ponds, rocks</u>

Turnaround time:

1 day	()
2 days	()
3 days	()
5 days	()

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders

Sample type legend:

grab samples	x
composite samples	xx

2. Metals

Aluminum (Al) ()	Cadmium (Cd) ()
Chromium (Cr) ()	Copper (Cu) ()
Iron (Fe) ()	Lead (Pb) ()
Manganese (Mn) ()	Mercury (Hg) ()
Nickel (Ni) ()	Selenium (Se) ()
Silver (Ag) ()	Tin (Sn) ()
Zinc (Zn) ()	Arsenic (As) ()
Barium (Ba) ()	Boron (B) ()
Antimony (Sb) ()	Beryllium (Be) ()
Bismuth (Bi) ()	Calcium (Ca) ()
Chromium, VI (CrVI) ()	Cobalt (Co) ()
Magnesium (Mg) ()	Molybdenum (Mo) ()
Potassium (K) ()	Silicon (Si) ()
Sodium (Na) ()	Strontium (Sr) ()
Thallium (Tl) ()	Titanium (Ti) ()
Vanadium (V) ()	

3. RCRA/Hazardous wastes

Ignitability (Flash Pt.)	(XX)	Corrosivity	(XX)
Reactivity (CN & S)	(XX)	TCLP	(XX)
RCRA Metals	(XX)	Organics-Pest/Herb	(XX)
Organics-BNA	(XX)	Organics-VOA	(XX)
TOX	()		

4. Specific Organics

Volatiles ()	Semi-Volatiles (BNA) ()
Pesticides/PCB's ()	PCB's Only ()
Herbicides ()	TPH/Diesel (TPH/D) ()
BTEX ()	TTO ()
TTO & Dioxin ()	OTHER (Specifv) ()

5. Microbiology

Fecal Coliform ()	Total Coliform ()
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Comments: Field Blank - 20856ERP Blank - 20857

BECKTON ENVIRONMENTAL LABORATORIES

192 Villa Street ♦ Ponce, PR 00731

Tel.: 809-841-7373 ♦ Fax.: 809-841-7313

GE_CARIBE001799

Original

PROCEDURE FOR FILLING CHAIN OF CUSTODY FORM

[Ref.: Beckton's Environmental Laboratories SOP Number 5.0 adopted on May 24, 1995]

Scope And Application

This procedure is necessary to insure the validity of the data. Due to the evidentiary nature of samples collected during enforcement investigations, possession must be traceable from the time the samples are collected until they are introduced as evidence in legal proceedings.

Definition

According to the USEPA Office of Enforcement and Compliance Monitoring National Enforcement Investigation Center (NEIC) Policies and Procedures, May 1978 and revised on May 1986, a sample is under custody if:

1. it is in your possession, or
2. it is in your view, after being in your possession, or
3. it was in your possession and you locked it up, or
4. it is in a designated secure area.

Possession must be traceable from the time the samples are collected until they are finally disposed.

Procedure for filling chain-of-custody forms

Chain of custody shall be completed using black waterproof ink. The information recorded should include:

Project Number:	A number given to the project, optional.
Company:	The name of the Company. If there are companies with the same name, specify the city (place). Site where samples are obtained or specific project for which samples are collected.
Sampler:	Each sampler is identified.
BEL ID Number:	Laboratory Identification Number unique for each sample and assigned by Beckton.
Control No.:	A number assigned by Beckton for the purpose of sample tracking and invoicing. Customers will utilize this number for determining status of samples.
Date:	A six digit number indicating day of collection, month and the year.
Time:	A four digit number indicating time of collection; military time must be preferably employed. AM and PM should be stated in case normal time is employed.
Sample matrix:	Check appropriate space for the following sample matrix: water; solid; air; sludge, soil, solid, mixed waste, or other. In the event other is selected specify the sample matrix.
Sample type:	Write either an "x" or "xx" in the corresponding space next to the parameter. Sample types: xx- composite; x- grab.
Comments:	Sampler should specify field observations or abnormal conditions. For example: If spilt, trip blanks, field blanks or duplicate samples were taken.
Analysis:	Each parameter to be analyzed should be marked with an "X" or "XX"
Relinquished and received by:	When transferring the possession of samples the individuals relinquishing and receiving will sign, date, and note the time. This record documents sample custody transfer from the sampler, often through another person, to the laboratory. Each signature should be legible. If not legible, print name above signature.

- Note:**
- (1) The field sampler is personally responsible for the care and custody of samples collected. As few people as possible should handle samples. When in-site measurement are made, the data are recorded directly in the chain-of-custody. For example: pH, temperature, dissolved oxygen, residual chlorine and flow measurements. If errors are made when completing any of these forms, the error must be crossed out with a single line and initialed and dated by the sampler.
 - (2) Beckton Environmental Laboratories follows SOP's for sampling, preservation and handling of samples. These procedures are of utmost importance if test values are representative of the source sample. Correct analytical methods are always employed.
 - (3) If a sample is found to be toxic (as per appropriate RCRA regulation) it will be returned to the client for proper disposal.
 - (4) The following preservatives must be always employed:
Refrigeration, 4°C for all samples; HNO₃ for trace metals, hardness and radioactivity; NaOH for cyanides; H₂SO₄ for phenolics, ammonia nitrogen, TKN, oil & grease, and phosphorus; Zn Acetate for sulfides. Other parameters are preserved as per appropriate SOP.

U.S. Environmental Protection Agency. NPDES Compliance Evaluation Inspection (MCD-75) Manual, Enforcement Division Office of Water Enforcement, Compliance Branch, Enforcement Division (EN-338), Washington, D.C. EPA January, 1981.

Florida Department of Environmental Protection, Comprehensive QA/QC, 1992.

CHAIN OF CUSTODY RECORD

PROJECT NO.	COMPANY <u>G.E. SUANA DIAZ</u>	SAMPLER <u>C. Rivera</u>		
SAMPLE LOCATION/CLIENT ID	<u>Mexico Agua, Aceite y Sabon</u>	TIME	<u>10:40</u>	CONTROL NO.
SAMPLE DATE	<u>7-31-96</u>	BEL. NO.	<u>20858</u>	<u>2877</u>

1. General Environmental:

Acidity ()	Alkalinity ()
Ammonia as N ()	Bicarbonate ()
BOD-5 ()	Bromide ()
Chloride ()	Chlorine, Res. ()
COD ()	Color (ADMI) ()
Conductivity ()	Color (Pt-Co) ()
Dissolved Oxygen ()	Cyanide ()
Hardness ()	Fluoride ()
Moisture % ()	Iodine ()
Nitrite ()	Nitrate ()
Oil + Grease ()	Nitrate + Nitrite ()
Phenol ()	pH ()
Phosphorus, Total ()	Phosphate, Ortho ()
Sett. Solids mg/L ()	Sett. Solids mL/L ()
Sulfate ()	Solids, Total ()
Sulfite ()	Sulfide ()
TDS ()	Surfactant ()
Temperature ()	TSS ()
TOC ()	TKN ()
Asbestos in air ()	Turbidity ()

Relinquished by:

L. VozdaDate/Time: 7-31-96 / 11:00AM

Received by:

[Signature]Date/Time: 7-31-96 - 11:05 AM

Relinquished by:

[Signature]Date/Time: 7-31-96 - 2:00 PM

Received by:

[Signature]Date/Time: 7/31/96 5:00pm

Matrix:

air	()
water	()
sludge	()
soil	()
solid	()
oil	()
mixed	()
other	(x) Specify: <u>Agua, Aceite, Sabon</u>

Turnaround time:

1 day	()
2 days	()
3 days	()
5 days	()

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders

Sample type legend:

grab samples	x
composite samples	xx

2. Metals

Aluminum (Al) ()	Cadmium (Cd) ()
Chromium (Cr) ()	Copper (Cu) ()
Iron (Fe) ()	Lead (Pb) ()
Manganese (Mn) ()	Mercury (Hg) ()
Nickel (Ni) ()	Selenium (Se) ()
Silver (Ag) ()	Tin (Sn) ()
Zinc (Zn) ()	Arsenic (As) ()
Barium (Ba) ()	Boron (B) ()
Antimony (Sb) ()	Beryllium (Be) ()
Bismuth (Bi) ()	Calcium (Ca) ()
Chromium, VI (CrVI) ()	Cobalt (Co) ()
Magnesium (Mg) ()	Molybdenum (Mo) ()
Potassium (K) ()	Silicon (Si) ()
Sodium (Na) ()	Strontium (Sr) ()
Thallium (Tl) ()	Titanium (Ti) ()
Vanadium (V) ()	

3. RCRA/Hazardous wastes

Ignitability (Flash Pt.) ()	Corrosivity ()
Reactivity (CN & S) ()	TCLP <u>Benzene</u> <u>xx</u>
RCRA Metals <u>xx</u>	Organics-Pest/Herb ()
Organics-BNA ()	Organics-VOA ()
TOX <u>xx</u>	

4. Specific Organics

Volatiles ()	Semi-Volatiles (BNA) ()
Pesticides/PCB's ()	PCB's Only ()
Herbicides ()	TPH/Diesel (TPH/D) ()
BTEX ()	TTO ()
TTO & Dioxin ()	OTHER (Specifv) ()

5. Microbiology

Fecal Coliform ()	Total Coliform ()
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Comments: Field Blank - 20859Lab Blank - 20866

BECKTON ENVIRONMENTAL LABORATORIES

192 Villa Street ♦ Ponce, PR 00731

Tel.: 809-841-7373 ♦ Fax.: 809-841-7313

GE_CARIBE001801

Original

PROCEDURE FOR FILLING CHAIN OF CUSTODY FORM

[Ref.: Beckton's Environmental Laboratories SOP Number 5.0 adopted on May 24, 1995]

Scope And Application

This procedure is necessary to insure the validity of the data. Due to the evidentiary nature of samples collected during enforcement investigations, possession must be traceable from the time the samples are collected until they are introduced as evidence in legal proceedings.

Definition

According to the USEPA Office of Enforcement and Compliance Monitoring National Enforcement Investigation Center (NEIC) Policies and Procedures, May 1978 and revised on May 1986, a sample is under custody if:

1. it is in your possession, or
2. it is in your view, after being in your possession, or
3. it was in your possession and you locked it up, or
4. it is in a designated secure area.

Possession must be traceable from the time the samples are collected until they are finally disposed.

Procedure for filling chain-of-custody forms

Chain of custody shall be completed using black waterproof ink. The information recorded should include:

Project Number:	A number given to the project, optional.
Company:	The name of the Company. If there are companies with the same name, specify the city (place). Site where samples are obtained or specific project for which samples are collected.
Sampler:	Each sampler is identified.
BEL ID Number:	Laboratory Identification Number unique for each sample and assigned by Beckton.
Control No.:	A number assigned by Beckton for the purpose of sample tracking and invoicing. Customers will utilize this number for determining status of samples.
Date:	A six digit number indicating day of collection, month and the year.
Time:	A four digit number indicating time of collection; military time must be preferably employed. AM and PM should be stated in case normal time is employed.
Sample matrix:	Check appropriate space for the following sample matrix: water; solid; air; sludge, soil, solid, mixed waste, or other. In the event other is selected specify the sample matrix.
Sample type:	Write either an "x" or "xx" in the corresponding space next to the parameter. Sample types: xx- composite; x- grab.
Comments:	Sampler should specify field observations or abnormal conditions. For example: If spilt, trip blanks, field blanks or duplicate samples were taken.
Analysis:	Each parameter to be analyzed should be marked with an "X" or "XX"
Relinquished and received by:	When transferring the possession of samples the individuals relinquishing and receiving will sign, date, and note the time. This record documents sample custody transfer from the sampler, often through another person, to the laboratory. Each signature should be legible. If not legible, print name above signature.

- Note:**
- (1) The field sampler is personally responsible for the care and custody of samples collected. As few people as possible should handle samples. When in-site measurement are made, the data are recorded directly in the chain-of-custody. For example: pH, temperature, dissolved oxygen, residual chlorine and flow measurements. If errors are made when completing any of these forms, the error must be crossed out with a single line and initialed and dated by the sampler.
 - (2) Beckton Environmental Laboratories follows SOP's for sampling, preservation and handling of samples. These procedures are of utmost importance if test values are representative of the source sample. Correct analytical methods are always employed.
 - (3) If a sample is found to be toxic (as per appropriate RCRA regulation) it will be returned to the client for proper disposal.
 - (4) The following preservatives must be always employed:
Refrigeration, 4°C for all samples; HNO₃ for trace metals, hardness and radioactivity; NaOH for cyanides; H₂SO₄ for phenolics, ammonia nitrogen, TKN, oil & grease, and phosphorus; Zn Acetate for sulfides. Other parameters are preserved as per appropriate SOP.

U.S. Environmental Protection Agency. NPDES Compliance Evaluation Inspection (MCD-75) Manual, Enforcement Division Office of Water Enforcement, Compliance Branch, Enforcement Division (EN-338), Washington, D.C. EPA January, 1981.

Florida Department of Environmental Protection, Comprehensive QA/QC, 1992.

PROJECT NO.		COMPANY G.E. TUNUA DIAZ		SAMPLER C. R. ...	
SAMPLE LOCATION/CLIENT ID Nucleo Agua Acuífera 3A50N		TIME 10:40		CONTROL NO. 2877	
SAMPLE DATE 7-31-76		BEL. NO.			

Acidity	()	Alkalinity	()
Ammonia as N	()	Bicarbonate	()
BOD-5	()	Bromide	()
Chloride	()	Chlorine, Res.	()
COD	()	Color (ADMI)	()
Conductivity	()	Color (Pt-Co)	()
Dissolved Oxygen	()	Cyanide	()
Hardness	()	Fluoride	()
Moisture %	()	Iodine	()
Nitrite	()	Nitrate	()
Oil + Grease	()	Nitrate + Nitrite	()
Phenol	()	pH	().....
Phosphorus, Total	()	Phosphate, Ortho	()
Sett. Solids mg/L	()	Sett. Solids mL/L	()
Sulfate	()	Solids, Total	()
Sulfite	()	Sulfide	()
TDS	()	Surfactant	()
Temperature	().....	TSS	()
TOC	()	TKN	()
Asbestos in air	()	Turbidity	()

Aluminum	(Al)	()	Cadmium	(Cd)	()
Chromium	(Cr)	()	Copper	(Cu)	()
Iron	(Fe)	()	Lead	(Pb)	()
Manganese	(Mn)	()	Mercury	(Hg)	()
Nickel	(Ni)	()	Selenium	(Se)	()
Silver	(Ag)	()	Tin	(Sn)	()
Zinc	(Zn)	()	Arsenic	(As)	()
Barium	(Ba)	()	Boron	(B)	()
Antimony	(Sb)	()	Beryllium	(Be)	()
Bismuth	(Bi)	()	Calcium	(Ca)	()
Chromium, VI	(CrVI)	()	Cobalt	(Co)	()
Magnesium	(Mg)	()	Molybdenum	(Mo)	()
Potassium	(K)	()	Silicon	(Si)	()
Sodium	(Na)	()	Strontium	(Sr)	()
Thallium	(Tl)	()	Titanium	(Ti)	()
Vanadium	(V)	()			

Ignitability (Flash Pt.)	()	Corrosivity	()
Reactivity (CN & S)	()	TCLP <i>Asbestos</i>	(X)
RCRA Metals	(X)	Organics-Pest/Herb	()
Organics-BNA	()	Organics-VOA	()
TOX	(X)		

Volatiles	()	Semi-Volatiles (BNA)	()
Pesticides/PCB's	()	PCB's Only	()
Herbicides	()	TPH/Diesel (TPH/D)	()
BTEX	()	TTO	()
TTO & Dioxin	()	OTHER (Specify)	()

Fecal Coliform () Total Coliform ()

Date/Time: 7.31.96 / 11:20 am

Date/Time: 7-21-96-1435

Relinquished by:

Date/Time: _____

Received by:

Date/Time: _____

air ()
water ()
sludge ()
soil ()
solid ()
oil ()
mixed ()
other () Specify: _____

Turnaround time:

1 day ()
2 days ()
3 days ()
5 days ()

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders

Sample type legend:

grab samples	x
composite samples	xx

Comments:

BECKTON ENVIRONMENTAL LABORATORIES

192 Villa Street ♦ Ponce, PR 00731

Tel.: 809-841-7373 ♦ Fax.: 809-841-7313

Client

GE_CARIBE001803

PROCEDURE FOR FILLING CHAIN OF CUSTODY FORM

[Ref.: Beckton's Environmental Laboratories SOP Number 5.0 adopted on May 24, 1995]

Scope And Application

This procedure is necessary to insure the validity of the data. Due to the evidentiary nature of samples collected during enforcement investigations, possession must be traceable from the time the samples are collected until they are introduced as evidence in legal proceedings.

Definition

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3. it was in your possession and you locked it up, or
4. it is in a designated secure area.

Possession must be traceable from the time the samples are collected until they are finally disposed.

Procedure for filling chain-of-custody forms

Chain of custody shall be completed using black waterproof ink. The information recorded should include:

Project Number:	A number given to the project, optional.
Company:	The name of the Company. If there are companies with the same name, specify the city (place). Site where samples are obtained or specific project for which samples are collected.
Sampler:	Each sampler is identified.
BEL ID Number:	Laboratory Identification Number unique for each sample and assigned by Beckton.
Control No.:	A number assigned by Beckton for the purpose of sample tracking and invoicing. Customers will utilize this number for determining status of samples.
Date:	A six digit number indicating day of collection, month and the year.
Time:	A four digit number indicating time of collection; military time must be preferably employed. AM and PM should be stated in case normal time is employed.
Sample matrix:	Check appropriate space for the following sample matrix: water; solid; air; sludge, soil, solid, mixed waste, or other. In the event other is selected specify the sample matrix.
Sample type:	Write either an "x" or "xx" in the corresponding space next to the parameter. Sample types: xx- composite; x- grab.
Comments:	Sampler should specify field observations or abnormal conditions. For example: If spilt, trip blanks, field blanks or duplicate samples were taken.
Analysis:	Each parameter to be analyzed should be marked with an "X" or "XX"
Relinquished and received by:	When transferring the possession of samples the individuals relinquishing and receiving will sign, date, and note the time. This record documents sample custody transfer from the sampler, often through another person, to the laboratory. Each signature should be legible. If not legible, print name above signature.

- Note:
- (1) The field sampler is personally responsible for the care and custody of samples collected. As few people as possible should handle samples. When in-site measurement are made, the data are recorded directly in the chain-of-custody. For example: pH, temperature, dissolved oxygen, residual chlorine and flow measurements. If errors are made when completing any of these forms, the error must be crossed out with a single line and initialed and dated by the sampler.
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 - (3) If a sample is found to be toxic (as per appropriate RCRA regulation) it will be returned to the client for proper disposal.
 - (4) The following preservatives must be always employed:
Refrigeration, 4°C for all samples; HNO₃ for trace metals, hardness and radioactivity; NaOH for cyanides; H₂SO₄ for phenolics, ammonia nitrogen, TKN, oil & grease, and phosphorus; Zn Acetate for sulfides. Other parameters are preserved as per appropriate SOP.

U.S. Environmental Protection Agency. NPDES Compliance Evaluation Inspection (MCD-75) Manual, Enforcement Division Office of Water Enforcement, Compliance Branch, Enforcement Division (EN-338), Washington, D.C. EPA January, 1981.

Florida Department of Environmental Protection, Comprehensive QA/QC, 1992.

000116

CHAIN OF CUSTODY RECORD

PROJECT NO.	COMPANY <i>R.F. JUAN DIAZ</i>	SAMPLER <i>L. Rivera</i>	TIME <i>10:30</i>	CONTR <i>28</i>
SAMPLE LOCATION/CLIENT ID	<i>TAUGUE & Ponce</i>		BEL. NO.	
SAMPLE DATE	<i>7-31-96</i>			

1. General Environmental:

Acidity	()	Alkalinity	()
Ammonia as N	()	Bicarbonate	()
BOD-5	()	Bromide	()
Chloride	()	Chlorine, Res.	()
COD	()	Color (ADMI)	()
Conductivity	()	Color (Pt-Co)	()
Dissolved Oxygen	()	Cyanide	()
Hardness	()	Fluoride	()
Moisture %	()	Iodine	()
Nitrite	()	Nitrate	()
Oil + Grease	()	Nitrate + Nitrite	()
Phenol	()	pH	().....
Phosphorus, Total	()	Phosphate, Ortho	()
Sett. Solids mg/L	()	Sett. Solids mL/L	()
Sulfate	()	Solids, Total	()
Sulfite	()	Sulfide	()
TDS	()	Surfactant	()
Temperature	().....	TSS	()
TOC	()	TKN	()
Asbestos in air	()	Turbidity	()

2. Metals

Aluminum	(Al)	()	Cadmium	(Cd)	()
Chromium	(Cr)	()	Copper	(Cu)	()
Iron	(Fe)	()	Lead	(Pb)	()
Manganese	(Mn)	()	Mercury	(Hg)	()
Nickel	(Ni)	()	Selenium	(Se)	()
Silver	(Ag)	()	Tin	(Sn)	()
Zinc	(Zn)	()	Arsenic	(As)	()
Barium	(Ba)	()	Boron	(B)	()
Antimony	(Sb)	()	Beryllium	(Be)	()
Bismuth	(Bi)	()	Calcium	(Ca)	()
Chromium, VI	(CrVI)	()	Cobalt	(Co)	()
Magnesium	(Mg)	()	Molybdenum	(Mo)	()
Potassium	(K)	()	Silicon	(Si)	()
Sodium	(Na)	()	Strontium	(Sr)	()
Thallium	(Tl)	()	Titanium	(Ti)	()
Vanadium	(V)	()			

3. RCRA/Hazardous wastes

Ignitability (Flash Pt.)	()	Corrosivity	()
Reactivity (CN & S)	()	TCLP	()
RCRA Metals	()	Organics-Pest/Herb	()
Organics-BNA	()	Organics-VOA	()
TOX	()		

4. Specific Organics

Volatiles	()	Semi-Volatiles (BNA)	()
Pesticides/PCB's	()	PCB's Only	()
Herbicides	()	TPH/Diesel (TPH/D)	()
BTEX	()	TTO	()
TTO & Dioxin	()	OTHER (Specify)	()

5. Microbiology

Fecal Coliform	()	Total Coliform	()
----------------	-----	----------------	-----

Comments:

Relinquished by: *[Signature]*

Date/Time: *7/31/96 11:00*

Received by: *[Signature]*

Date/Time: *7-31-96 - 11*

Relinquished by:

Date/Time:

Received:

Date/Time:

Matrix:

Specify:

Turb:

Normal time is ten (10) working
hours. Charges apply for rush

Sad:

amples x
site samples xx

IRONMENTAL LAB
Ponce, PR 00731
3 ♦ Fax.: 809-841-7

Client

GE_CARIBE001805

PROCEDURE FOR FILLING CHAIN OF CUSTODY FORM

[Ref.: Beckton's Environmental Laboratories SOP Number 5.0 adopted on May 24, 1995]

and Application

This procedure is necessary to insure the validity of the data. Due to the evidentiary nature of samples collected during enforcement actions, possession must be traceable from the time the samples are collected until they are introduced as evidence in legal proceedings.

According to the USEPA Office of Enforcement and Compliance Monitoring National Enforcement Investigation Center (NEIC) and Procedures, May 1978 and revised on May 1986, a sample is under custody if:

1. it is in your possession, or
2. it is in your view, after being in your possession, or
3. it was in your possession and you locked it up, or
4. it is in a designated secure area.

Possession must be traceable from the time the samples are collected until they are finally disposed.

for filling chain-of-custody forms

Chain of custody shall be completed using black waterproof ink. The information recorded should include:

Project Number:
Company:

A number given to the project, optional.

The name of the Company. If there companies with the same name, specified the city

(place). Site where samples are obtained or specific project for which samples are

collected.

Each sampler is identified.

A number assigned by Beckton for the purpose of sample tracking and invoicing.

Customers will utilize this number for determining status of samples.

A six digit number indicating day of collection, month and the year.

A four digit number indicating time of collection; military time must be pre ferably

employed. AM and PM should be stated in case normal time is employed.

Check appropriate space for the following sample matrix: water, solid, air, sludge, soil,

solid, mixed waste, or other. In the event other is selected specify the sample matrix.

Write either an "x" or "xx" in the corresponding space next to the parameter. Sample

types: xx- composite, x- grab.

Sampler should specify field observations or abnormal conditions. For example: If spill,

trip blanks, field blanks or duplicates samples were taken.

Each parameter to be analyzed should be marked with an "X" or "XX"

When transferring the possession of samples the individuals relinquishing and receiving

will sign, date, and note the time. This record documents sample custody transfer from

the sampler, often through another person, to the laboratory. Each signature should be

legible. If not legible, print name above signature.

As few people as

possible should handle samples. When in-site measurement are made, the data is recorded directly in the

chain of custody. For example: pH, temperature, dissolved oxygen, residual chlorine and flow measurements.

When made when completing any of these forms, the error must be crossed out with a single line and

initialed by the sampler.

Environmental Laboratories follows SOP's for sampling, preservation and handling of samples.

It is of utmost importance if test values are representative of the source sample. Correct analysis

is always employed.

If found to be toxic (as per appropriate RCRA regulation) it will be returned to the client for

proper preservation.

Preservatives must be always employed.

4°C for all samples: HNO₃ for trace metals, hardness and radioactivity; NaOH for cyanides;

enolates, ammonia nitrogen, TKN, oil & grease, and phosphorus; Zn Acetate for sulfides. Other

is preserved as per appropriate SOP.

U.S. Environment Agency. NPDES Compliance Evaluation Inspection (MCD-75) Manual, Enforcement
Division 4 Enforcement, Compliance Branch, Enforcement Division (EN-338), Washington, D.C. EPA
January, 1992.
Florida Environmental Protection, Comprehensive QA/QC, 1992.



BECKTON ENVIRONMENTAL
LABORATORIES, INC.

July 18, 1996

C O N F I D E N T I A L

TO: Mr. Luis Yordan, GE Juana Diaz
FROM: *[Signature]* Luisette Berastain, Service Manager, Beckton
Environmental Laboratories
RE: Price schedule General Electric - Juana Diaz

=====

RCRA ANALYSIS

HAZARDOUS WASTE-RCRA

The Environmental Protection Agency (EPA) has determined that a waste should be considered hazardous if exhibits one of the following characteristics: Ignitability, Corrosivity, Reactivity, and TCLP Toxicity.

Beckton Environmental Laboratories, Inc. is furnished with the necessary equipment to conduct the TCLP test, (Zero Headspace Extractors, Purge-and-trap GC/MS and GC/PID/Hall, GC/ECD, AA with graphite furnace and vapor generator accessories).

RCRA Characterization: TCLP Toxicity Test & RCI

Full RCRA\$ 650.00/sample

TCLP - Metals (solid or oily matrix)...\$ 225.00/sample

TCLP - Metals (liquid matrix).....\$ 175.00/sample

TCLP-Benzene (solid or oily matrix)...\$ 175.00/sample

TCLP-Benzene (liquid matrix).....\$ 125.00/sample

TOX (liquid,oily or solid matrix).....\$ 100.00/sample

Sampling for hazardous waste with full trained personnel is available at \$35.00/sample during regular working hours, Monday to Friday 8:00 AM to 5:00 PM, after regular working hours the rate will be 1.5 the regular rate. Price include protective gear, sampling equipment, sample containers, preservatives, chain-of custody form, etc. There is no charge for mobilization of equipment.

For five or more samples, there will be no sampling charge.



BECKTON ENVIRONMENTAL

LABORATORIES, INC.

Mr. Yordan

Page -2-

Prices for normal (15 working days); for 5 days turnaround multiply base price times 1.50; 3 days turnaround multiply base price times 2.5

Deliverables

Additional charges may be necessary for customized reports which differ significantly from Beckton format. Additional charges will apply for specific report format such as data package or data on diskettes. A duplicate and a matrix spike will be performed per batch of samples at no additional cost. Laboratory and field blanks are analyzed as part of the regular laboratory quality assurance program. Additional quality control samples analyzed at the request of the client will be charged as regular samples.

Custom report format \$ 10.00/page
QA lab blank, precision, accuracy 10 % surcharge
Quality assurance data requested after report . 20 % surcharge

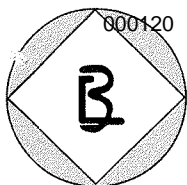
Payment terms for clients with approved credit are net twenty (20) days after which time a 2% per month late charge is added to unpaid balances.

Confidentiality

Strict confidentiality is maintained in all our dealings with clients. Confidentiality agreements, therefore, are signed willingly. In any instances where information is subpoenaed by and must be released to a regulatory legal body, the client is promptly notified. Likewise, the client agrees to respect all such relationship of trust. Client agrees it will not use Beckton Environmental Laboratories' name and/or data in any manner which might cause harm to the company's reputation and/or business

NOTE: Samples that have been determined to be hazardous will be returned to the client for proper disposal

C O N F I D E N T I A L



BECKTON ENVIRONMENTAL
LABORATORIES, INC.

ANALYSIS REPORT

Att.: Mrs. Nancy Texeira
General Electric- Juana Díaz


Date: December 26, 1995

Lab Name: Beckton Environmental Laboratories Contract: General Electric

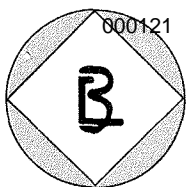
Lab. sample ID: BEL-15926 Date: 12/08/95 Description: ~~Drums 012-013-014-015~~
Lab. sample ID: BEL-15927 Date: 12/08/95 Description: ~~Drums 016-017-018-019~~
Lab. file ID: BEL15926 Sampled by: L. Rivera

PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-15926	BEL-15927
Chromium	6010 (ICAP)	Composite	mg/L	3.93	2.86

Certification and release of the data contained in the Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee.


Lcdo. Rafael Infante
Laboratory Director
Chemist License 1888





BECKTON ENVIRONMENTAL
LABORATORIES, INC.

ANALYSIS REPORT

Att.: Mrs. Nancy Texeira
General Electric- Juana Díaz

Date: December 26, 1995

Lab Name: Beckton Environmental Laboratories Contract: General Electric

Lab. sample ID: BEL-15928 Date: 12/08/95 Description: Drums 001

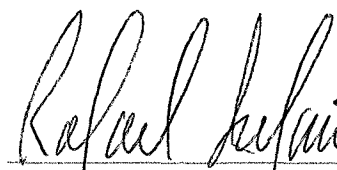
Lab. sample ID: BEL-15929 Date: 12/08/95 Description: Drums 003

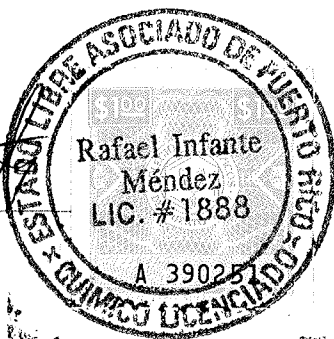
Lab. file ID: BEL15928

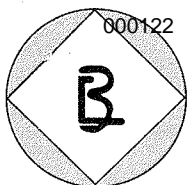
Sampled by: L. Rivera

PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-15928	BEL-15929
Chromium	6010 (ICAP)	Composite	mg/L	44.4	17.7

Certification and release of the data contained in the Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee.


Lcdo. Rafael Infante
Laboratory Director
Chemist License 1888





BECKTON ENVIRONMENTAL
LABORATORIES, INC.

ANALYSIS REPORT

Att.: Mrs. Nancy Texeira
General Electric- Juana Díaz

Date: December 26, 1995

Lab Name: Beckton Environmental Laboratories Contract: General Electric

Lab. sample ID: BEL-15926 Date: 12/08/95 Description: Drums 012-013-014-015
Lab. sample ID: BEL-15927 Date: 12/08/95 Description: Drums 016-017-018-019
Lab. sample ID: BEL-15928 Date: 12/08/95 Description: Drums 001
Lab. sample ID: BEL-15929 Date: 12/08/95 Description: Drums 003


Lab. file ID: BEL15926


Sampled by: L. Rivera

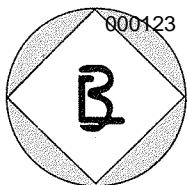
PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-15926	BEL-15927
Chromium	6010 (ICAP)	Composite	mg/L	3.93	2.86

PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-15928	BEL-15929
Chromium	6010 (ICAP)	Composite	mg/L	44.4	17.7

Certification and release of the data contained in the Report of Analysis
has been authorized by the Laboratory Manager or the Manager's Designee.


Lcdo. Rafael Infante
Laboratory Director
Chemist License 1888





BECKTON ENVIRONMENTAL
LABORATORIES, INC.

ANALYSIS REPORT

Att.: Mrs. Nancy Texeira
General Electric- Juana Díaz

Date: December 18, 1995

Lab Name: Beckton Environmental Laboratories

Contract: General Electric

Lab. sample ID: BEL-15930	Date: 12/08/95	Description: Drums 1
Lab. sample ID: BEL-15931	Date: 12/08/95	Description: Drums 2
Lab. sample ID: BEL-15932	Date: 12/08/95	Description: Drums 3
Lab. sample ID: BEL-15933	Date: 12/08/95	Description: Drums 4

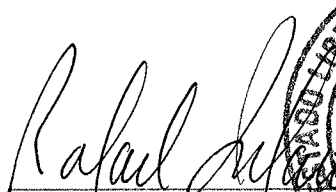
Lab. file ID: BEL15930

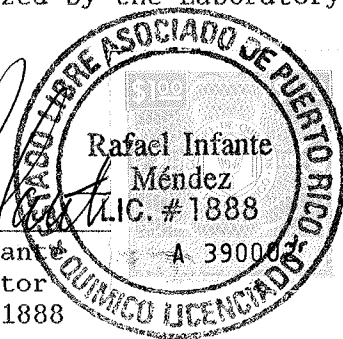
Sampled by: L. Rivera

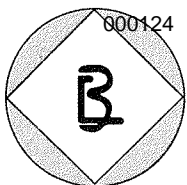
PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-15930	BEL-15931
Flash Point	SW-846 1010	Grab	°F	>140	>140

PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-15932	BEL-15933
Flash Point	SW-846 1010	Grab	°F	>140	>140

Certification and release of the data contained in the Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee.


Lcdo. Rafael Infante
Laboratory Director
Chemist License 1888





BECKTON ENVIRONMENTAL
LABORATORIES, INC.

December 26, 1995

ANALYSIS REPORT

SAMPLE IDENTIFICATION: Aulet Electrico
G.E., Fab. (Juana Díaz)

Att.: Mrs. Nancy Texeira
Lab Name: Beckton Environmental Laboratories
Sampler: L. Rivera
Matrix: Solid

Lab. sample ID: BEL-15934

Sample wt/vol: 50.0 g

Lab. File ID: 15934TCL

Column: (pack/cap) capillary

Date Received: 12/08/95

Date Extracted: 12/11/95

Date Analyzed: 12/22/95

MAXIMUM CONCENTRATION OF CONTAMINANTS
FOR CHARACTERISTIC OF TCLP TOXICITY

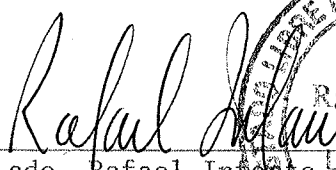
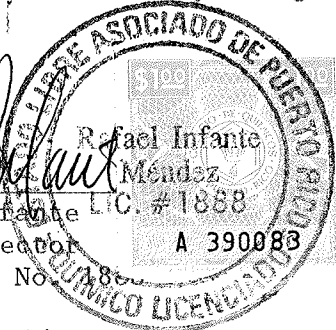
EPA HAZARDOUS WASTE NUMBER	CONTAMINANT	RESULTS (mg/L)	DETECTION LIMIT (mg/L)	REGULATORY LEVEL (mg/L)
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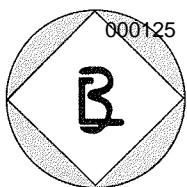
METALS (SW-846 6010's)

D008	Lead	0.022	0.002	5.0
------	------	-------	-------	-----

N.D.- not detected

Certification and release of the data contained in this Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee.


Lcdo. Rafael Infante Méndez
Laboratory Director
Chemist License No. 



BECKTON ENVIRONMENTAL
LABORATORIES, INC.

October 13, 1995

ANALYSIS REPORT

SAMPLE IDENTIFICATION: **Tool Room Scrap**
G.E., Fab. (Juana Díaz)

Att.: Nancy Texeira

Lab Name: Beckton Environmental Laboratories

Sampler: V. Castro

Matrix: Soil

Lab. sample ID: BEL-14507

Sample wt/vol: 50.0 (g/mL) g

Lab. File ID: 14507TCL

Column: (pack/cap) capillary

Date Received: 09/25/95

Date Extracted: 09/26/95

Date Analyzed: 10/04/95

MAXIMUM CONCENTRATION OF CONTAMINANTS
FOR CHARACTERISTIC OF TCLP TOXICITY

EPA HAZARDOUS WASTE NUMBER	CONTAMINANT	RESULTS (mg/L)	DETECTION LIMIT (mg/L)	REGULATORY LEVEL (mg/L)
METALS (SW-846 7000's)				
D004	Arsenic	N.D.	0.005	5.0
D005	Barium	1.47	0.30	100.0
D006	Cadmium	0.044	0.01	1.0
D007	Chromium	N.D.	0.05	5.0
D008	Lead	N.D.	0.10	5.0
D009	Mercury	N.D.	0.0005	0.2
D010	Selenium	N.D.	0.005	1.0
D011	Silver	N.D.	0.020	5.0

Certification and release of the data contained in this Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee.

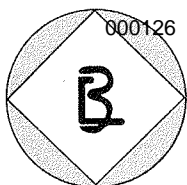


Leda. Eulalia Medina
Chemist
Chemist License 3901

192 VILLA STREET
PONCE, P.R. 00731

TEL. (809) 841-7373
FAX (809) 841-7313

GE_CARIBE001814



BECKTON ENVIRONMENTAL
LABORATORIES, INC.

October 13, 1995

ANALYSIS REPORT

SAMPLE IDENTIFICATION: Drum # 1
G.E., Fab. (Juana Díaz)

Att.: Nancy Texeira
Lab Name: Beckton Environmental Laboratories
Sampler: V. Castro
Matrix: Mixed

Lab. sample ID: BEL-14508

Sample wt/vol: 25.0 (g/mL) g

Lab. File ID: 14508TCL

Column: (pack/cap) capillary

Date Received: 09/25/95

Date Extracted: 09/26/95

Date Analyzed: 10/10/95

MAXIMUM CONCENTRATION OF CONTAMINANTS
FOR CHARACTERISTIC OF TCLP TOXICITY

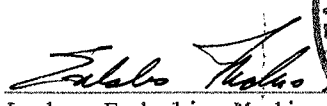
EPA HAZARDOUS WASTE NUMBER	CONTAMINANT	RESULTS (mg/L)	DETECTION LIMIT (mg/L)	REGULATORY LEVEL (mg/L)
-------------------------------	-------------	--------------------	-------------------------------	--------------------------------

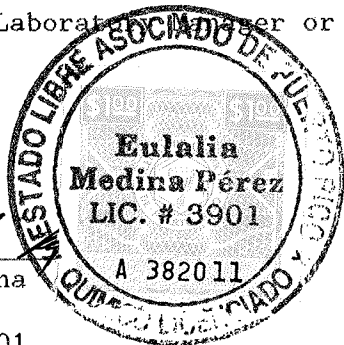
VOLATILE ORGANICS (SW-846 8010; 8015; 8021)

D018	Benzene	N.D.	.040	0.5
------	---------	------	------	-----

N.D.-not detected

Certification and release of the data contained in this Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee.


Leda. Eulalia Medina
Chemist
Chemist License 3901





BECKTON ENVIRONMENTAL
LABORATORIES, INC.

Analysis Report
Page -2-

SAMPLE IDENTIFICATION: BEL-12464 - BEL-12476

PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-12470	BEL-12471	BEL-12472
Chromium	218.1	Composite	mg/L	2.76*	14.3	19.0

*- Units mg/kg

PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-12473	BEL-12474	BEL-12475
Chromium	218.1	Composite	mg/L	79.0*	15.9*	15.4

*- Units mg/kg

PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-12476
Chromium	218.1	Composite	mg/L	73.8

Certification and release of the data contained in the Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee.

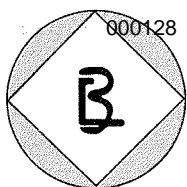
Eulalia Medina

Lcda. Eulalia Medina
Chemist
Chemist License 3901
192 VILLA STREET
PONCE, P.R. 00731



TEL. (809) 841-7373
FAX (809) 841-7313

GE_CARIBE001816



BECKTON ENVIRONMENTAL
LABORATORIES, INC.

ANALYSIS REPORT

Att.: Nancy Texeira
General Electric- Juana Díaz

Date: May 30, 1995

Lab Name: Beckton Environmental Laboratories

Contract: General Electric

Lab. sample ID:	BEL-12464	Date:	05/11/95	Description:	Drum #1
Lab. sample ID:	BEL-12465	Date:	05/11/95	Description:	Drum #2
Lab. sample ID:	BEL-12466	Date:	05/11/95	Description:	Drum #3
Lab. sample ID:	BEL-12467	Date:	05/11/95	Description:	Drum #4
Lab. sample ID:	BEL-12468	Date:	05/11/95	Description:	Drum #5
Lab. sample ID:	BEL-12469	Date:	05/11/95	Description:	Drum #6
Lab. sample ID:	BEL-12470	Date:	05/11/95	Description:	Drum #7
Lab. sample ID:	BEL-12471	Date:	05/11/95	Description:	Drum #8
Lab. sample ID:	BEL-12472	Date:	05/11/95	Description:	Drum #5
Lab. sample ID:	BEL-12473	Date:	05/11/95	Description:	Drum #6
Lab. sample ID:	BEL-12474	Date:	05/11/95	Description:	Drum #7
Lab. sample ID:	BEL-12475	Date:	05/11/95	Description:	Drum #8
Lab. sample ID:	BEL-12476	Date:	05/11/95	Description:	Drum #8

Lab. file ID: BEL12464

Sampled by: A. Vera

PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-12464	BEL-12465	BEL-12466
Chromium	218.1	Composite	mg/L	10.4	80.9	11.5

PARAMETER	EPA METHOD	SAMPLE TYPE	UNITS	BEL-12467	BEL-12468	BEL-12469
Chromium	218.1	Composite	mg/L	27.5	79.4*	11.2

*- Units mg/kg

BECKTON ENVIRONMENTAL LABORATORIES, INC.

192 VILLA STREET PONCE, PR 00731
TEL. (809) 841-7373 FAX (809) 841-7313

REVISION 1994

CHAIN OF CUSTODY RECORD

PROJECT NO.	COMPANY <u>H.E. Juana Diaz</u>					SAMPLER <u>A. Vera</u>
SAMPLE LOCATION/ CLIENT ID	Drum # 1	Drum # 2	Drum # 3	Drum # 4	Drum # 5	PURCHASE ORDER NUMBER
SAMPLE DATE	5-11-95	5-11-95	5-11-95	5-11-95	5-11-95	
TIME	9:15AM	9:20AM	9:25AM	9:30AM	9:35AM	
BEL NO.	12464	12465	12466	12467	12468	

Acidity	()	()	()	()	()
Alkalinity	()	()	()	()	()
Ammonia as N	()	()	()	()	()
Bicarbonate	()	()	()	()	()
BOD-5	()	()	()	()	()
Bromide	()	()	()	()	()
Chloride	()	()	()	()	()
Chlorine, Res.	()	()	()	()	()
COD	()	()	()	()	()
Color	()	()	()	()	()
Conductivity	()	()	()	()	()
Cyanide	()	()	()	()	()
Dissolved Oxygen	()	()	()	()	()
Fluoride	()	()	()	()	()
Hardness	()	()	()	()	()
Iodine	()	()	()	()	()
Moisture %	()	()	()	()	()
Nitrate	()	()	()	()	()
Nitrite	()	()	()	()	()
Nitrate+Nitrite	()	()	()	()	()
Oil+Grease	()	()	()	()	()
pH	()	()	()	()	()
Phenol	()	()	()	()	()
Phosphate, Ortho	()	()	()	()	()
Phosphorus, Total	()	()	()	()	()
Sett. Solids ml/L	()	()	()	()	()
Sett. Solids mg/L	()	()	()	()	()
Solids, Total	()	()	()	()	()
Sulfate	()	()	()	()	()
Sulfide	()	()	()	()	()
Sulfite	()	()	()	()	()
Surfactant	()	()	()	()	()
TDS	()	()	()	()	()
TSS	()	()	()	()	()
Temperature	()	()	()	()	()
TKN	()	()	()	()	()
TOC	()	()	()	()	()
Turbidity	()	()	()	()	()
Asbestos in air	()	()	()	()	()

Relinquished by:

Nancy L. Vera
5-11-95

Date / Time: 11:00 AM

Received by:

Angel Luis Vera
5-11-95
Date / Time: 11:00 AM

Relinquished by:

Angel Luis Vera
5-11-95
Date / Time: 2:10 P.M.

Received by:

M. Vidal
Date / Time: 5/11/95 3:00 PM

Matrix:

water ()
sludge ()
soil ()
oil ()
other ()

Turnaround:

24-48 hrs. ()
1 week ()
2 weeks ()
3 weeks ()

Grab = X ()
Composite = XX ()

Comments:

No sea necesario ni P.H ni Temp.

BEI. NO.					
----------	--	--	--	--	--

METALS

Aluminum	(Al)	()	()	()	()	()
Cadmium	(Cd)	()	()	()	()	()
Chromium	(Cr)	(x)	(x)	(x)	(x)	(x)
Copper	(Cu)	()	()	()	()	()
Iron	(Fe)	()	()	()	()	()
Lead	(Pb)	()	()	()	()	()
Manganese	(Mn)	()	()	()	()	()
Mercury	(Hg)	()	()	()	()	()
Nickel	(Ni)	()	()	()	()	()
Selenium	(Se)	()	()	()	()	()
Silver	(Ag)	()	()	()	()	()
Tin	(Sn)	()	()	()	()	()
Zinc	(Zn)	()	()	()	()	()
Arsenic	(As)	()	()	()	()	()
Barium	(Ba)	()	()	()	()	()
Boron	(B)	()	()	()	()	()
Antimony	(Sb)	()	()	()	()	()
Beryllium	(Be)	()	()	()	()	()
Bismuth	(Bi)	()	()	()	()	()
Calcium	(Ca)	()	()	()	()	()
Chromium, hex	(CrVI)	()	()	()	()	()
Cobalt	(Co)	()	()	()	()	()
Magnesium	(Mg)	()	()	()	()	()
Molybdenum	(Mo)	()	()	()	()	()
Potassium	(K)	()	()	()	()	()
Silicon	(Si)	()	()	()	()	()
Sodium	(Na)	()	()	()	()	()
Strontium	(Sr)	()	()	()	()	()
Thallium	(Tl)	()	()	()	()	()
Titanium	(Ti)	()	()	()	()	()
Vanadium	(V)	()	()	()	()	()

RCRA HAZARDOUS WASTE

Ignitability(Flash Pt.)	()	()	()	()	()
Corrosivity	()	()	()	()	()
Reactivity (CN & S)	()	()	()	()	()
TCLP	()	()	()	()	()
Metals	()	()	()	()	()
Organics-Pest/Herb	()	()	()	()	()
Organics-BNA	()	()	()	()	()
Organics-VOA	()	()	()	()	()
Benzene	()	()	()	()	()

SPECIFIC ORGANICS

Volatiles	()	()	()	()	()
Semi-Volatiles (BNA)	()	()	()	()	()
Pesticides/PCB	()	()	()	()	()
PCB Only	()	()	()	()	()
Herbicides	()	()	()	()	()
TPH/Diesel (TPH/D)	()	()	()	()	()
BTEX	()	()	()	()	()
TTO	()	()	()	()	()
TTO & Dioxin	()	()	()	()	()
OTHER (Define)	()	()	()	()	()

MICROBIOLOGY

Fecal Coliform	()	()	()	()	()
Total Coliform	()	()	()	()	()

BECKTON ENVIRONMENTAL LABORATORIES, INC.

192 VILLA STREET PONCE, PR 00731
TEL. (809) 841-7373 FAX (809) 841-7313

REVISION 1994

CHAIN OF CUSTODY RECORD

PROJECT NO.	COMPANY <u>H.E.</u> <u>Juana Diaz</u>					SAMPLER <u>A. Vera</u>
SAMPLE LOCATION/ CLIENT ID	<u>Drum</u> # <u>6</u>	<u>Drum</u> # <u>7</u>	<u>Drum</u> # <u>8</u>	<u>Drum</u> # <u>9</u>	<u>Drum</u> # <u>10</u>	PURCHASE ORDER NUMBER
SAMPLE DATE	<u>5-11-95</u>	<u>5-11-95</u>	<u>5-11-95</u>	<u>5-11-95</u>	<u>5-11-95</u>	
TIME	<u>9:40 AM</u>	<u>9:45 AM</u>	<u>9:50 AM</u>	<u>9:35 AM</u>	<u>10:00 AM</u>	
BEL NO.	<u>12469</u>	<u>12470</u>	<u>12471</u>	<u>12472</u>	<u>12473</u>	

Acidity	()	()	()	()	()	()
Alkalinity	()	()	()	()	()	()
Ammonia as N	()	()	()	()	()	()
Bicarbonate	()	()	()	()	()	()
BOD-5	()	()	()	()	()	()
Bromide	()	()	()	()	()	()
Chloride	()	()	()	()	()	()
Chlorine, Res.	()	()	()	()	()	()
COD	()	()	()	()	()	()
Color	()	()	()	()	()	()
Conductivity	()	()	()	()	()	()
Cyanide	()	()	()	()	()	()
Dissolved Oxygen	()	()	()	()	()	()
Fluoride	()	()	()	()	()	()
Hardness	()	()	()	()	()	()
Iodine	()	()	()	()	()	()
Moisture %	()	()	()	()	()	()
Nitrate	()	()	()	()	()	()
Nitrite	()	()	()	()	()	()
Nitrate+Nitrite	()	()	()	()	()	()
Oil+Grease	()	()	()	()	()	()
pH	( )	.....	.....	.....	.....	.....
Phenol	()	()	()	()	()	()
Phosphate, Ortho	()	()	()	()	()	()
Phosphorus, Total	()	()	()	()	()	()
Sett. Solids ml/L	()	()	()	()	()	()
Sett. Solids mg/L	()	()	()	()	()	()
Solids, Total	()	()	()	()	()	()
Sulfate	()	()	()	()	()	()
Sulfide	()	()	()	()	()	()
Sulfite	()	()	()	()	()	()
Surfactant	()	()	()	()	()	()
TDS	()	()	()	()	()	()
TSS	()	()	()	()	()	()
Temperature	( )	.....	.....	.....	.....	.....
TKN	()	()	()	()	()	()
TOC	()	()	()	()	()	()
Turbidity	()	()	()	()	()	()
Asbestos in air	()	()	()	()	()	()

Relinquished by:

Nancy Lefeira
5-11-95

Date / Time: 11:00 AM

Received by:

Angel Luis Vera
5-11-95
Date / Time: 11:00 AM

Relinquished by:

Angel Luis Vera
5-11-95
Date / Time: 2:10 P.M.

Received by:

M. Vidal
Date / Time: 5/11/95 3:00 PM

Matrix:

water ()
sludge ()
soil ()
oil ()
other ()

Turnaround:

24-48 hrs. ()
1 week ()
2 weeks ()
3 weeks ()

Grab = X (X)
Composite = XX ()

Comments:

No una necesidad ni P.V. ni Temp.

BEL NO.					
---------	--	--	--	--	--

METALS

Aluminum	(Al)	()	()	()	()	()
Cadmium	(Cd)	()	()	()	()	()
Chromium	(Cr)	(x)	(x)	(x)	(x)	(x)
Copper	(Cu)	()	()	()	()	()
Iron	(Fe)	()	()	()	()	()
Lead	(Pb)	()	()	()	()	()
Manganese	(Mn)	()	()	()	()	()
Mercury	(Hg)	()	()	()	()	()
Nickel	(Ni)	()	()	()	()	()
Selenium	(Se)	()	()	()	()	()
Silver	(Ag)	()	()	()	()	()
Tin	(Sn)	()	()	()	()	()
Zinc	(Zn)	()	()	()	()	()
Arsenic	(As)	()	()	()	()	()
Barium	(Ba)	()	()	()	()	()
Boron	(B)	()	()	()	()	()
Antimony	(Sb)	()	()	()	()	()
Beryllium	(Be)	()	()	()	()	()
Bismuth	(Bi)	()	()	()	()	()
Calcium	(Ca)	()	()	()	()	()
Chromium, hex	(CrVI)	()	()	()	()	()
Cobalt	(Co)	()	()	()	()	()
Magnesium	(Mg)	()	()	()	()	()
Molybdenum	(Mo)	()	()	()	()	()
Potassium	(K)	()	()	()	()	()
Silicon	(Si)	()	()	()	()	()
Sodium	(Na)	()	()	()	()	()
Strontium	(Sr)	()	()	()	()	()
Thallium	(Tl)	()	()	()	()	()
Titanium	(Ti)	()	()	()	()	()
Vanadium	(V)	()	()	()	()	()

RCRA HAZARDOUS WASTE

Ignitability(Flash Pt.)	()	()	()	()	()
Corrosivity	()	()	()	()	()
Reactivity (CN & S)	()	()	()	()	()
TCLP	()	()	()	()	()
Metals	()	()	()	()	()
Organics-Pest/Herb	()	()	()	()	()
Organics-BNA	()	()	()	()	()
Organics-VOA	()	()	()	()	()
Benzene	()	()	()	()	()

SPECIFIC ORGANICS

Volatiles	()	()	()	()	()
Semi-Volatiles (BNA)	()	()	()	()	()
Pesticides/PCB	()	()	()	()	()
PCB Only	()	()	()	()	()
Herbicides	()	()	()	()	()
TPH/Diesel (TPH/D)	()	()	()	()	()
BTEX	()	()	()	()	()
TTO	()	()	()	()	()
TTO & Dioxin	()	()	()	()	()
OTHER (Define)	()	()	()	()	()

MICROBIOLOGY

Fecal Coliform	()	()	()	()	()
Total Coliform	()	()	()	()	()

BECKTON ENVIRONMENTAL LABORATORIES, INC.

192 VILLA STREET PONCE, PR 00731
TEL. (809) 841-7373 FAX (809) 841-7313

REVISION 1994

CHAIN OF CUSTODY RECORD

PROJECT NO.	COMPANY <i>H.E. Juana Diaz</i>			SAMPLER <i>A. Vera</i>		
SAMPLE LOCATION/ CLIENT ID	<i>Drum # 11</i>	<i>Drum # 12</i>	<i>Drum # 13</i>			PURCHASE ORDER NUMBER
SAMPLE DATE	<i>5-11-95</i>	<i>5-11-95</i>	<i>5-11-95</i>			
TIME	<i>10:05Am</i>	<i>10:10Am</i>	<i>10:15Am</i>			
BEL NO.	<i>12474</i>	<i>12475</i>	<i>12476</i>			

Acidity	()	()	()	()	()	()
Alkalinity	()	()	()	()	()	()
Ammonia as N	()	()	()	()	()	()
Bicarbonate	()	()	()	()	()	()
BOD-5	()	()	()	()	()	()
Bromide	()	()	()	()	()	()
Chloride	()	()	()	()	()	()
Chlorine, Res.	()	()	()	()	()	()
COD	()	()	()	()	()	()
Color	()	()	()	()	()	()
Conductivity	()	()	()	()	()	()
Cyanide	()	()	()	()	()	()
Dissolved Oxygen	()	()	()	()	()	()
Fluoride	()	()	()	()	()	()
Hardness	()	()	()	()	()	()
Iodine	()	()	()	()	()	()
Moisture %	()	()	()	()	()	()
Nitrate	()	()	()	()	()	()
Nitrite	()	()	()	()	()	()
Nitrate+Nitrite	()	()	()	()	()	()
Oil+Grease	()	()	()	()	()	()
pH	()	()	()	()	()	()
Phenol	()	()	()	()	()	()
Phosphate, Ortho	()	()	()	()	()	()
Phosphorus, Total	()	()	()	()	()	()
Sett. Solids ml/L	()	()	()	()	()	()
Sett. Solids mg/L	()	()	()	()	()	()
Solids, Total	()	()	()	()	()	()
Sulfate	()	()	()	()	()	()
Sulfide	()	()	()	()	()	()
Sulfite	()	()	()	()	()	()
Surfactant	()	()	()	()	()	()
TDS	()	()	()	()	()	()
TSS	()	()	()	()	()	()
Temperature	()	()	()	()	()	()
TKN	()	()	()	()	()	()
TOC	()	()	()	()	()	()
Turbidity	()	()	()	()	()	()
Asbestos in air	()	()	()	()	()	()

Relinquished by:

Mary Lejeira
5-11-95

Date / Time: *11:00Am*

Received by:

Angel Luis Vera
5-11-95
11:00Am

Relinquished by:

Angel Luis Vera
5-11-95
2:10 PM

Received by:

M. Vidal
5/11/95 3:00 PM

Matrix:

water ()
sludge ()
soil ()
oil ()
other ()

Turnaround:

24-48 hrs. ()
1 week ()
2 weeks ()
3 weeks ()

Grab= X (X)
Composite= XX ()

Comments:

No era necesario ni P.H. ni Temp.

BEL NO.					
---------	--	--	--	--	--

METALS

Aluminum	(Al)	()	()	()	()	()
Cadmium	(Cd)	()	()	()	()	()
Chromium	(Cr)	(X)	(X)	(X)	()	()
Copper	(Cu)	()	()	()	()	()
Iron	(Fe)	()	()	()	()	()
Lead	(Pb)	()	()	()	()	()
Manganese	(Mn)	()	()	()	()	()
Mercury	(Hg)	()	()	()	()	()
Nickel	(Ni)	()	()	()	()	()
Selenium	(Se)	()	()	()	()	()
Silver	(Ag)	()	()	()	()	()
Tin	(Sn)	()	()	()	()	()
Zinc	(Zn)	()	()	()	()	()
Arsenic	(As)	()	()	()	()	()
Barium	(Ba)	()	()	()	()	()
Boron	(B)	()	()	()	()	()
Antimony	(Sb)	()	()	()	()	()
Beryllium	(Be)	()	()	()	()	()
Bismuth	(Bi)	()	()	()	()	()
Calcium	(Ca)	()	()	()	()	()
Chromium, hex	(CrVI)	()	()	()	()	()
Cobalt	(Co)	()	()	()	()	()
Magnesium	(Mg)	()	()	()	()	()
Molybdenum	(Mo)	()	()	()	()	()
Potassium	(K)	()	()	()	()	()
Silicon	(Si)	()	()	()	()	()
Sodium	(Na)	()	()	()	()	()
Strontium	(Sr)	()	()	()	()	()
Thallium	(Tl)	()	()	()	()	()
Titanium	(Ti)	()	()	()	()	()
Vanadium	(V)	()	()	()	()	()

RCRA HAZARDOUS WASTE

Ignitability(Flash Pt.)	()	()	()	()	()
Corrosivity	()	()	()	()	()
Reactivity (CN & S)	()	()	()	()	()
TCLP	()	()	()	()	()
Metals	()	()	()	()	()
Organics-Pest/Herb	()	()	()	()	()
Organics-BNA	()	()	()	()	()
Organics-VOA	()	()	()	()	()
Benzene	()	()	()	()	()

SPECIFIC ORGANICS

Volatiles	()	()	()	()	()
Semi-Volatiles (BNA)	()	()	()	()	()
Pesticides/PCB	()	()	()	()	()
PCB Only	()	()	()	()	()
Herbicides	()	()	()	()	()
TPH/Diesel (TPH/D)	()	()	()	()	()
BTEX	()	()	()	()	()
TTO	()	()	()	()	()
TTO & Dioxin	()	()	()	()	()
OTHER (Define)	()	()	()	()	()

MICROBIOLOGY

Fecal Coliform	()	()	()	()	()
Total Coliform	()	()	()	()	()

ENVIROLABS INC.**INDUSTRIAL AND ENVIRONMENTAL LABORATORIES***November 16, 1994*

*Caribe General Electric Inc
P O Box 1430
Juana Díaz, Puerto Rico 00795*

ANALYSIS REPORT**Sample Identification**

*Sample from Caribe General Electric, Inc.
Identified as Evaporator Waste
October 10, 1994
Envirolabs No. 69-276*

Oil and Grease (mg/L) 215



ANALYSIS REPORT**Sample Identification**

Sample from Caribe General Electric, Inc.
Identified as Evaporator Waste
October 10, 1994
Envirolabs No. 69-276

**MAXIMUM CONCENTRATION OF CONTAMINANTS
FOR CHARACTERISTICS OF TCLP TOXICITY**

EPA HAZARDOUS Waste Number	Contaminant	Results (mg/L)	Detection Limit (mg/L)	Regulatory Level
Metals SW6000/7000				
D004	Arsenic	ND	0.10	5.0
D005	Barium	ND	1	100.0
D006	Cadmium	0.055	0.005	1.0
D007	Chromium	11	0.05	5.0
D008	Lead	0.46	0.01	5.0
D009	Mercury	ND	0.001	0.2
D010	Selenium	ND	0.01	1.0
D 011	Silver	0.014	0.001	5.0

ND = NOT DETECTED



338281

**CHAIN OF CUSTODY RECORD
ENVIROLABS, INC.**

000137

NAME OF CLIENT & POSTAL ADDRESS <i>Caribe General Electric Industries</i>	TEL.	REMARKS <div style="border: 1px solid black; padding: 5px; display: inline-block; transform: rotate(-45deg); transform-origin: center;"> <i>contaminated TCHP</i> </div>
SAMPLE COLLECTED BY: <i>Luis Calais</i>		

SAMPLE NO.	DATE	TIME	ENVIROLABS NO.	SAMPLE IDENTIFICATION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
RELINQUISHED BY:	DATE	TIME	RECEIVED FOR LAB BY:	DATE	TIME	SAMPLING WITNESSED BY:	
<i>Luis Calais</i>	<i>10/10/94</i>	<i>4:59pm</i>	<i>Vigilante Santiago</i>			<i>Yancy Lefrancia</i>	

CAR-1001826

CHAIN OF CUSTODY RECORD

PROJECT NO.	COMPANY <u>G.E. JUAN DADA</u>	SAMPLER <u>C. RIVERA</u>	
SAMPLE LOCATION/CLIENT ID	<u>COMPOSITE DROMS</u> <u>012-013-014-015</u>	TIME	<u>12:15</u>
SAMPLE DATE	<u>12-08-95</u>	BEL. NO.	<u>15926</u>
		CONTROL NO. <u>1358</u>	

1. General Environmental:

Acidity	()	Alkalinity	()
Ammonia as N	()	Bicarbonate	()
BOD-5	()	Bromide	()
Chloride	()	Chlorine, Res.	()
COD	()	Color (ADMI)	()
Conductivity	()	Color (Pt-Co)	()
Dissolved Oxygen	()	Cyanide	()
Hardness	()	Fluoride	()
Moisture %	()	Iodine	()
Nitrite	()	Nitrate	()
Oil + Grease	()	Nitrate + Nitrite	()
Phenol	()	pH	().....
Phosphorus, Total	()	Phosphate, Ortho	()
Sett. Solids mg/L	()	Sett. Solids mL/L	()
Sulfate	()	Solids, Total	()
Sulfite	()	Sulfide	()
TDS	()	Surfactant	()
Temperature	().....	TSS	()
TOC	()	TKN	()
Asbestos in air	()	Turbidity	()

Relinquished by:

Nancy LeheiraDate/Time: 12/08/95 1:00 p.m.

Received by:

[Signature]Date/Time: 12-08-95

Relinquished by:

[Signature]Date/Time: 12-08-95 2:00pm

Received by:

M. VidalDate/Time: 12/11/95 8:30 AM

Matrix:

air	()
water	()
sludge	()
soil	()
solid	()
oil	()
mixed	()
other	() Specify: _____

Turnaround time:

1 day	()
2 days	()
3 days	()
5 days	()

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders

Sample type legend:

grab samples	x
composite samples	xx

2. Metals

Aluminum	(Al)	()	Cadmium	(Cd)	()
Chromium	(Cr)	()	Copper	(Cu)	()
Iron	(Fe)	()	Lead	(Pb)	()
Manganese	(Mn)	()	Mercury	(Hg)	()
Nickel	(Ni)	()	Selenium	(Se)	()
Silver	(Ag)	()	Tin	(Sn)	()
Zinc	(Zn)	()	Arsenic	(As)	()
Barium	(Ba)	()	Boron	(B)	()
Antimony	(Sb)	()	Beryllium	(Be)	()
Bismuth	(Bi)	()	Calcium	(Ca)	()
Chromium, VI	(CrVI)	()	Cobalt	(Co)	()
Magnesium	(Mg)	()	Molybdenum	(Mo)	()
Potassium	(K)	()	Silicon	(Si)	()
Sodium	(Na)	()	Strontium	(Sr)	()
Thallium	(Tl)	()	Titanium	(Ti)	()
Vanadium	(V)	()			

3. RCRA/Hazardous wastes

Ignitability (Flash Pt.)	()	Corrosivity	()
Reactivity (CN & S)	()	TCLP	()
RCRA Metals	()	Organics-Pest/Herb	()
Organics-BNA	()	Organics-VOA	()
TOX	()		

4. Specific Organics

Volatiles	()	Semi-Volatiles (BNA)	()
Pesticides/PCB's	()	PCB's Only	()
Herbicides	()	TPH/Diesel (TPH/D)	()
BTEX	()	TTO	()
TTO & Dioxin	()	OTHER (Specify)	()

5. Microbiology

Fecal Coliform	()	Total Coliform	()
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Comments: _____

BECKTON ENVIRONMENTAL LABORATORIES

192 Villa Street ♦ Ponce, PR 00731

Tel.: 809-841-7373 ♦ Fax.: 809-841-7313

GE_CARIBE001827

Original

PROCEDURE FOR FILLING CHAIN OF CUSTODY FORM

[Ref.: Beckton's Environmental Laboratories SOP Number 5.0 adopted on May 24, 1995]

Scope And Application

This procedure is necessary to insure the validity of the data. Due to the evidentiary nature of samples collected during enforcement investigations, possession must be traceable from the time the samples are collected until they are introduced as evidence in legal proceedings.

Definition

According to the USEPA Office of Enforcement and Compliance Monitoring National Enforcement Investigation Center (NEIC) Policies and Procedures, May 1978 and revised on May 1986, a sample is under custody if:

1. it is in your possession, or
2. it is in your view, after being in your possession, or
3. it was in your possession and you locked it up, or
4. it is in a designated secure area.

Possession must be traceable from the time the samples are collected until they are finally disposed.

Procedure for filling chain-of-custody forms

Chain of custody shall be completed using black waterproof ink. The information recorded should include:

Project Number:	A number given to the project, optional.
Company:	The name of the Company. If there are companies with the same name, specify the city (place). Site where samples are obtained or specific project for which samples are collected.
Sampler:	Each sampler is identified.
BEL ID Number:	Laboratory Identification Number unique for each sample and assigned by Beckton.
Control No.:	A number assigned by Beckton for the purpose of sample tracking and invoicing. Customers will utilize this number for determining status of samples.
Date:	A six digit number indicating day of collection, month and the year.
Time:	A four digit number indicating time of collection; military time must be preferably employed. AM and PM should be stated in case normal time is employed.
Sample matrix:	Check appropriate space for the following sample matrix: water; solid; air; sludge, soil, solid, mixed waste, or other. In the event other is selected specify the sample matrix.
Sample type:	Write either an "x" or "xx" in the corresponding space next to the parameter. Sample types: xx- composite; x- grab.
Comments:	Sampler should specify field observations or abnormal conditions. For example: If split, trip blanks, field blanks or duplicate samples were taken.
Analysis:	Each parameter to be analyzed should be marked with an "X" or "XX"
Relinquished and received by:	When transferring the possession of samples the individuals relinquishing and receiving will sign, date, and note the time. This record documents sample custody transfer from the sampler, often through another person, to the laboratory. Each signature should be legible. If not legible, print name above signature.

- Note:
- (1) The field sampler is personally responsible for the care and custody of samples collected. As few people as possible should handle samples. When in-site measurements are made, the data are recorded directly in the chain-of-custody. For example: pH, temperature, dissolved oxygen, residual chlorine and flow measurements. If errors are made when completing any of these forms, the error must be crossed out with a single line and initialed and dated by the sampler.
 - (2) Beckton Environmental Laboratories follows SOP's for sampling, preservation and handling of samples. These procedures are of utmost importance if test values are representative of the source sample. Correct analytical methods are always employed.
 - (3) If a sample is found to be toxic (as per appropriate RCRA regulation) it will be returned to the client for proper disposal.
 - (4) The following preservatives must be always employed:
Refrigeration, 4°C for all samples; HNO₃ for trace metals, hardness and radioactivity; NaOH for cyanides; H₂SO₄ for phenolics, ammonia nitrogen, TKN, oil & grease, and phosphorus; Zn Acetate for sulfides. Other parameters are preserved as per appropriate SOP.

U.S. Environmental Protection Agency. NPDES Compliance Evaluation Inspection (MCD-75) Manual, Enforcement Division Office of Water Enforcement, Compliance Branch, Enforcement Division (EN-338), Washington, D.C. EPA January, 1981.

Florida Department of Environmental Protection, Comprehensive QA/QC, 1992.

CHAIN OF CUSTODY RECORD

PROJECT NO.	COMPANY <i>G. E. Juana D. R.</i>	SAMPLER <i>C. Rivera</i>		
SAMPLE LOCATION/CLIENT ID	<i>COMPOSITE PRMS 016-017-018-019</i>		TIME <i>12:20</i>	CONTROL NO. <i>1359</i>
SAMPLE DATE	<i>12-08-95</i>		BEL. NO. <i>15937</i>	

1. General Environmental:

Acidity ()	Alkalinity ()
Ammonia as N ()	Bicarbonate ()
BOD-5 ()	Bromide ()
Chloride ()	Chlorine, Res. ()
COD ()	Color (ADMI) ()
Conductivity ()	Color (Pt-Co) ()
Dissolved Oxygen ()	Cyanide ()
Hardness ()	Fluoride ()
Moisture % ()	Iodine ()
Nitrite ()	Nitrate ()
Oil + Grease ()	Nitrate + Nitrite ()
Phenol ()	pH ()
Phosphorus, Total ()	Phosphate, Ortho ()
Sett. Solids mg/L ()	Sett. Solids mL/L ()
Sulfate ()	Solids, Total ()
Sulfite ()	Sulfide ()
TDS ()	Surfactant ()
Temperature ()	TSS ()
TOC ()	TKN ()
Asbestos in air ()	Turbidity ()

Relinquished by:

*Yancy L. Pereira*Date/Time: *12/08/95 1:00p.m.*

Received by:

*[Signature]*Date/Time: *12-08-95 1:00 pm*

Relinquished by:

*[Signature]*Date/Time: *12-08-95 2:00pm*

Received by:

*M. Vidal*Date/Time: *12/11/95 2:30 PM*

Matrix:

air	()
water	()
sludge	()
soil	()
solid	()
oil	()
mixed	()
other	() Specify: _____

Turnaround time:

1 day	()
2 days	()
3 days	()
5 days	()

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders

Sample type legend:

grab samples	x
composite samples	xx

2. Metals

Aluminum (Al) ()	Cadmium (Cd) ()
Chromium (Cr) ()	Copper (Cu) ()
Iron (Fe) ()	Lead (Pb) ()
Manganese (Mn) ()	Mercury (Hg) ()
Nickel (Ni) ()	Selenium (Se) ()
Silver (Ag) ()	Tin (Sn) ()
Zinc (Zn) ()	Arsenic (As) ()
Barium (Ba) ()	Boron (B) ()
Antimony (Sb) ()	Beryllium (Be) ()
Bismuth (Bi) ()	Calcium (Ca) ()
Chromium, VI (CrVI) ()	Cobalt (Co) ()
Magnesium (Mg) ()	Molybdenum (Mo) ()
Potassium (K) ()	Silicon (Si) ()
Sodium (Na) ()	Strontium (Sr) ()
Thallium (Tl) ()	Titanium (Ti) ()
Vanadium (V) ()	

3. RCRA/Hazardous wastes

Ignitability (Flash Pt.) ()	Corrosivity ()
Reactivity (CN & S) ()	TCLP ()
RCRA Metals ()	Organics-Pest/Herb ()
Organics-BNA ()	Organics-VOA ()
TOX ()	

4. Specific Organics

Volatiles ()	Semi-Volatiles (BNA) ()
Pesticides/PCB's ()	PCB's Only ()
Herbicides ()	TPH/Diesel (TPH/D) ()
BTEX ()	TTO ()
TTO & Dioxin ()	OTHER (Specify) ()

5. Microbiology

Fecal Coliform ()	Total Coliform ()
--------------------	--------------------

Comments: _____

BECKTON ENVIRONMENTAL LABORATORIES

192 Villa Street ♦ Ponce, PR 00731

Tel.: 809-841-7373 ♦ Fax.: 809-841-7313

GE_CARIBE001829

Original

PROCEDURE FOR FILLING CHAIN OF CUSTODY FORM

[Ref.: Beckton's Environmental Laboratories SOP Number 5.0 adopted on May 24, 1995]

Scope And Application

This procedure is necessary to insure the validity of the data. Due to the evidentiary nature of samples collected during enforcement investigations, possession must be traceable from the time the samples are collected until they are introduced as evidence in legal proceedings.

Definition

According to the USEPA Office of Enforcement and Compliance Monitoring National Enforcement Investigation Center (NEIC) Policies and Procedures, May 1978 and revised on May 1986, a sample is under custody if:

1. it is in your possession, or
2. it is in your view, after being in your possession, or
3. it was in your possession and you locked it up, or
4. it is in a designated secure area.

Possession must be traceable from the time the samples are collected until they are finally disposed.

Procedure for filling chain-of-custody forms

Chain of custody shall be completed using black waterproof ink. The information recorded should include:

Project Number:	A number given to the project, optional.
Company:	The name of the Company. If there are companies with the same name, specify the city (place). Site where samples are obtained or specific project for which samples are collected.
Sampler:	Each sampler is identified.
BEL ID Number:	Laboratory Identification Number unique for each sample and assigned by Beckton.
Control No.:	A number assigned by Beckton for the purpose of sample tracking and invoicing. Customers will utilize this number for determining status of samples.
Date:	A six digit number indicating day of collection, month and the year.
Time:	A four digit number indicating time of collection; military time must be preferably employed. AM and PM should be stated in case normal time is employed.
Sample matrix:	Check appropriate space for the following sample matrix: water; solid; air; sludge, soil, solid, mixed waste, or other. In the event other is selected specify the sample matrix.
Sample type:	Write either an "x" or "xx" in the corresponding space next to the parameter. Sample types: xx- composite; x- grab.
Comments:	Sampler should specify field observations or abnormal conditions. For example: If spilt, trip blanks, field blanks or duplicates samples were taken.
Analysis:	Each parameter to be analyzed should be marked with an "X" or "XX"
Relinquished and received by:	When transferring the possession of samples the individuals relinquishing and receiving will sign, date, and note the time. This record documents sample custody transfer from the sampler, often through another person, to the laboratory. Each signature should be legible. If not legible, print name above signature.

- Note:
- (1) The field sampler is personally responsible for the care and custody of samples collected. As few people as possible should handle samples. When in-site measurement are made, the data are recorded directly in the chain-of-custody. For example: pH, temperature, dissolved oxygen, residual chlorine and flow measurements. If errors are made when completing any of these forms, the error must be crossed out with a single line and initialed and dated by the sampler.
 - (2) Beckton Environmental Laboratories follows SOP's for sampling, preservation and handling of samples. These procedures are of utmost importance if test values are representative of the source sample. Correct analytical methods are always employed.
 - (3) If a sample is found to be toxic (as per appropriate RCRA regulation) it will be returned to the client for proper disposal.
 - (4) The following preservatives must be always employed:
Refrigeration, 4°C for all samples; HNO₃ for trace metals, hardness and radioactivity; NaOH for cyanides; H₂SO₄ for phenolics, ammonia nitrogen, TKN, oil & grease, and phosphorus; Zn Acetate for sulfides. Other parameters are preserved as per appropriate SOP.

U.S. Environmental Protection Agency. NPDES Compliance Evaluation Inspection (MCD-75) Manual, Enforcement Division Office of Water Enforcement, Compliance Branch, Enforcement Division (EN-338), Washington, D.C. EPA January, 1981.

Florida Department of Environmental Protection, Comprehensive QA/QC, 1992.

CHAIN OF CUSTODY RECORD

PROJECT NO.	COMPANY <u>G.E. SQUADRON</u>	SAMPLER <u>C. Rivera</u>	
SAMPLE LOCATION/CLIENT ID	<u>DRUM # 001</u>	TIME	<u>12:25</u>
SAMPLE DATE	<u>12-08-95</u>	BEL. NO.	<u>15928</u>
		CONTROL NO. <u>1360</u>	

1. General Environmental:

Acidity ()	Alkalinity ()
Ammonia as N ()	Bicarbonate ()
BOD-5 ()	Bromide ()
Chloride ()	Chlorine, Res. ()
COD ()	Color (ADMI) ()
Conductivity ()	Color (Pt-Co) ()
Dissolved Oxygen ()	Cyanide ()
Hardness ()	Fluoride ()
Moisture % ()	Iodine ()
Nitrite ()	Nitrate ()
Oil + Grease ()	Nitrate + Nitrite ()
Phenol ()	pH ().....
Phosphorus, Total ()	Phosphate, Ortho ()
Sett. Solids mg/L ()	Sett. Solids mL/L ()
Sulfate ()	Solids, Total ()
Sulfite ()	Sulfide ()
TDS ()	Surfactant ()
Temperature ().....	TSS ()
TOC ()	TKN ()
Asbestos in air ()	Turbidity ()

Relinquished by:

Gancy LefraDate/Time: 12/08/95 1:00 p.m.

Received by:

[Signature]Date/Time: 12-08-95 - 1:00 p.m.

Relinquished by:

[Signature]Date/Time: 12-08-95 2:00 p.m.

Received by:

M. VidalDate/Time: 12/11/95 8:30 AM

Matrix:

air	()
water	(X)
sludge	()
soil	()
solid	()
oil	()
mixed	()
other	() Specify: _____

Turnaround time:

1 day	()
2 days	()
3 days	()
5 days	()

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders

Sample type legend:

grab samples	x
composite samples	xx

2. Metals

Aluminum (Al) ()	Cadmium (Cd) ()
Chromium (Cr) (X)	Copper (Cu) ()
Iron (Fe) ()	Lead (Pb) ()
Manganese (Mn) ()	Mercury (Hg) ()
Nickel (Ni) ()	Selenium (Se) ()
Silver (Ag) ()	Tin (Sn) ()
Zinc (Zn) ()	Arsenic (As) ()
Barium (Ba) ()	Boron (B) ()
Antimony (Sb) ()	Beryllium (Be) ()
Bismuth (Bi) ()	Calcium (Ca) ()
Chromium, VI (CrVI) ()	Cobalt (Co) ()
Magnesium (Mg) ()	Molybdenum (Mo) ()
Potassium (K) ()	Silicon (Si) ()
Sodium (Na) ()	Strontium (Sr) ()
Thallium (Tl) ()	Titanium (Ti) ()
Vanadium (V) ()	

3. RCRA/Hazardous wastes

Ignitability (Flash Pt.) ()	Corrosivity ()
Reactivity (CN & S) ()	TCLP ()
RCRA Metals ()	Organics-Pest/Herb ()
Organics-BNA ()	Organics-VOA ()
TOX ()	

4. Specific Organics

Volatiles ()	Semi-Volatiles (BNA) ()
Pesticides/PCB's ()	PCB's Only ()
Herbicides ()	TPH/Diesel (TPH/D) ()
BTEX ()	TTO ()
TTO & Dioxin ()	OTHER (Specifv) _____ ()

5. Microbiology

Fecal Coliform ()	Total Coliform ()
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Comments: _____

BECKTON ENVIRONMENTAL LABORATORIES

192 Villa Street ♦ Ponce, PR 00731

Tel.: 809-841-7373 ♦ Fax.: 809-841-7313

GE_CARIBE001831

Original

PROCEDURE FOR FILLING CHAIN OF CUSTODY FORM

[Ref.: Beckton's Environmental Laboratories SOP Number 5.0 adopted on May 24, 1995]

Scope And Application

This procedure is necessary to insure the validity of the data. Due to the evidentiary nature of samples collected during enforcement investigations, possession must be traceable from the time the samples are collected until they are introduced as evidence in legal proceedings.

Definition

According to the USEPA Office of Enforcement and Compliance Monitoring National Enforcement Investigation Center (NEIC) Policies and Procedures, May 1978 and revised on May 1986, a sample is under custody if:

1. it is in your possession, or
2. it is in your view, after being in your possession, or
3. it was in your possession and you locked it up, or
4. it is in a designated secure area.

Possession must be traceable from the time the samples are collected until they are finally disposed.

Procedure for filling chain-of-custody forms

Chain of custody shall be completed using black waterproof ink. The information recorded should include:

Project Number:	A number given to the project, optional.
Company:	The name of the Company. If there are companies with the same name, specify the city (place). Site where samples are obtained or specific project for which samples are collected.
Sampler:	Each sampler is identified.
BEL ID Number:	Laboratory Identification Number unique for each sample and assigned by Beckton.
Control No.:	A number assigned by Beckton for the purpose of sample tracking and invoicing. Customers will utilize this number for determining status of samples.
Date:	A six digit number indicating day of collection, month and the year.
Time:	A four digit number indicating time of collection; military time must be preferably employed. AM and PM should be stated in case normal time is employed.
Sample matrix:	Check appropriate space for the following sample matrix: water; solid; air; sludge, soil, solid, mixed waste, or other. In the event other is selected specify the sample matrix.
Sample type:	Write either an "x" or "xx" in the corresponding space next to the parameter. Sample types: xx- composite; x- grab.
Comments:	Sampler should specify field observations or abnormal conditions. For example: If spilt, trip blanks, field blanks or duplicate samples were taken.
Analysis:	Each parameter to be analyzed should be marked with an "X" or "XX"
Relinquished and received by:	When transferring the possession of samples the individuals relinquishing and receiving will sign, date, and note the time. This record documents sample custody transfer from the sampler, often through another person, to the laboratory. Each signature should be legible. If not legible, print name above signature.

- Note:
- (1) The field sampler is personally responsible for the care and custody of samples collected. As few people as possible should handle samples. When in-site measurement are made, the data are recorded directly in the chain-of-custody. For example: pH, temperature, dissolved oxygen, residual chlorine and flow measurements. If errors are made when completing any of these forms, the error must be crossed out with a single line and initialed and dated by the sampler.
 - (2) Beckton Environmental Laboratories follows SOP's for sampling, preservation and handling of samples. These procedures are of utmost importance if test values are representative of the source sample. Correct analytical methods are always employed.
 - (3) If a sample is found to be toxic (as per appropriate RCRA regulation) it will be returned to the client for proper disposal.
 - (4) The following preservatives must be always employed:
Refrigeration, 4°C for all samples; HNO₃ for trace metals, hardness and radioactivity; NaOH for cyanides; H₂SO₄ for phenolics, ammonia nitrogen, TKN, oil & grease, and phosphorus; Zn Acetate for sulfides. Other parameters are preserved as per appropriate SOP.

U.S. Environmental Protection Agency. NPDES Compliance Evaluation Inspection (MCD-75) Manual, Enforcement Division Office of Water Enforcement, Compliance Branch, Enforcement Division (EN-338), Washington, D.C. EPA January, 1981.

Florida Department of Environmental Protection, Comprehensive QA/QC, 1992.

CHAIN OF CUSTODY RECORD

PROJECT NO.	COMPANY <u>G.E. JUAN DIAZ</u>	SAMPLER <u>C. Rivera</u>		
SAMPLE LOCATION/CLIENT ID	<u>DRUM # 003</u>	TIME	<u>12:30</u>	CONTROL NO. <u>1417</u>
SAMPLE DATE	<u>12-28-95</u>	BEL. NO.	<u>15929</u>	

1. General Environmental:

Acidity	()	Alkalinity	()
Ammonia as N	()	Bicarbonate	()
BOD-5	()	Bromide	()
Chloride	()	Chlorine, Res.	()
COD	()	Color (ADMI)	()
Conductivity	()	Color (Pt-Co)	()
Dissolved Oxygen	()	Cyanide	()
Hardness	()	Fluoride	()
Moisture %	()	Iodine	()
Nitrite	()	Nitrate	()
Oil + Grease	()	Nitrate + Nitrite	()
Phenol	()	pH	().....
Phosphorus, Total	()	Phosphate, Ortho	()
Sett. Solids mg/L	()	Sett. Solids mL/L	()
Sulfate	()	Solids, Total	()
Sulfite	()	Sulfide	()
TDS	()	Surfactant	()
Temperature	().....	TSS	()
TOC	()	TKN	()
Asbestos in air	()	Turbidity	()

2. Metals

Aluminum	(Al)	()	Cadmium	(Cd)	()
Chromium	(Cr)	()	Copper	(Cu)	()
Iron	(Fe)	()	Lead	(Pb)	()
Manganese	(Mn)	()	Mercury	(Hg)	()
Nickel	(Ni)	()	Selenium	(Se)	()
Silver	(Ag)	()	Tin	(Sn)	()
Zinc	(Zn)	()	Arsenic	(As)	()
Barium	(Ba)	()	Boron	(B)	()
Antimony	(Sb)	()	Beryllium	(Be)	()
Bismuth	(Bi)	()	Calcium	(Ca)	()
Chromium, VI	(CrVI)	()	Cobalt	(Co)	()
Magnesium	(Mg)	()	Molybdenum	(Mo)	()
Potassium	(K)	()	Silicon	(Si)	()
Sodium	(Na)	()	Strontium	(Sr)	()
Thallium	(Tl)	()	Titanium	(Ti)	()
Vanadium	(V)	()			

3. RCRA/Hazardous wastes

Ignitability (Flash Pt.)	()	Corrosivity	()
Reactivity (CN & S)	()	TCLP	()
RCRA Metals	()	Organics-Pest/Herb	()
Organics-BNA	()	Organics-VOA	()
TOX	()		

4. Specific Organics

Volatiles	()	Semi-Volatiles (BNA)	()
Pesticides/PCB's	()	PCB's Only	()
Herbicides	()	TPH/Diesel (TPH/D)	()
BTEX	()	TTO	()
TTO & Dioxin	()	OTHER (Specifv)	()

5. Microbiology

Fecal Coliform	()	Total Coliform	()
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Relinquished by:

Gary LefinaDate/Time: 12/28/95 1:00p.m.

Received by:

LJRDate/Time: 12-28-95 - 1:20pm

Relinquished by:

LJRDate/Time: 12-28-95 2:00p

Received by:

M. VidalDate/Time: 12/11/95 8:30AM

Matrix:

air	()
water	(x)
sludge	()
soil	()
solid	()
oil	()
mixed	()
other	() Specify: _____

Turnaround time:

1 day	()
2 days	()
3 days	()
5 days	()

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders

Sample type legend:

grab samples	x
composite samples	xx

Comments: _____

BECKTON ENVIRONMENTAL LABORATORIES

192 Villa Street ♦ Ponce, PR 00731

Tel.: 809-841-7373 ♦ Fax.: 809-841-7313

GE_CARIBE001833

Original

PROCEDURE FOR FILLING CHAIN OF CUSTODY FORM

[Ref.: Beckton's Environmental Laboratories SOP Number 5.0 adopted on May 24, 1995]

Scope And Application

This procedure is necessary to insure the validity of the data. Due to the evidentiary nature of samples collected during enforcement investigations, possession must be traceable from the time the samples are collected until they are introduced as evidence in legal proceedings.

Definition

According to the USEPA Office of Enforcement and Compliance Monitoring National Enforcement Investigation Center (NEIC) Policies and Procedures, May 1978 and revised on May 1986, a sample is under custody if:

1. it is in your possession, or
2. it is in your view, after being in your possession, or
3. it was in your possession and you locked it up, or
4. it is in a designated secure area.

Possession must be traceable from the time the samples are collected until they are finally disposed.

Procedure for filling chain-of-custody forms

Chain of custody shall be completed using black waterproof ink. The information recorded should include:

Project Number:	A number given to the project, optional.
Company:	The name of the Company. If there are companies with the same name, specify the (place). Site where samples are obtained or specific project for which samples are collected.
Sampler:	Each sampler is identified.
BEL ID Number:	Laboratory Identification Number unique for each sample and assigned by Beckton.
Control No.:	A number assigned by Beckton for the purpose of sample tracking and invoicing. Customers will utilize this number for determining status of samples.
Date:	A six digit number indicating day of collection, month and the year.
Time:	A four digit number indicating time of collection; military time must be preferably employed. AM and PM should be stated in case normal time is employed.
Sample matrix:	Check appropriate space for the following sample matrix: water; solid; air; sludge, solid, mixed waste, or other. In the event other is selected specify the sample matrix.
Sample type:	Write either an "x" or "xx" in the corresponding space next to the parameter. Sample types: xx- composite; x- grab.
Comments:	Sampler should specify field observations or abnormal conditions. For example: If site trip blanks, field blanks or duplicate samples were taken.
Analysis:	Each parameter to be analyzed should be marked with an "X" or "XX".
Relinquished and received by:	When transferring the possession of samples the individuals relinquishing and receiving will sign, date, and note the time. This record documents sample custody transfer from the sampler, often through another person, to the laboratory. Each signature should be legible. If not legible, print name above signature.

- Note:
- (1) The field sampler is personally responsible for the care and custody of samples collected. As few people as possible should handle samples. When in-site measurement are made, the data are recorded directly in the chain-of-custody. For example: pH, temperature, dissolved oxygen, residual chlorine and flow measurement. If errors are made when completing any of these forms, the error must be crossed out with a single line and initialed and dated by the sampler.
 - (2) Beckton Environmental Laboratories follows SOP's for sampling, preservation and handling of samples. These procedures are of utmost importance if test values are representative of the source sample. Correct analytical methods are always employed.
 - (3) If a sample is found to be toxic (as per appropriate RCRA regulation) it will be returned to the client for proper disposal.
 - (4) The following preservatives must be always employed:
Refrigeration, 4°C for all samples; HNO₃ for trace metals, hardness and radioactivity; NaOH for cyanide; H₂SO₄ for phenolics, ammonia nitrogen, TKN, oil & grease, and phosphorus; Zn Acetate for sulfides. Other parameters are preserved as per appropriate SOP.

U.S. Environmental Protection Agency. NPDES Compliance Evaluation Inspection (MCD-75) Manual, Enforcement Division Office of Water Enforcement, Compliance Branch, Enforcement Division (EN-338), Washington, D.C. EPA January, 1981.

Florida Department of Environmental Protection, Comprehensive QA/QC, 1992.

CHAIN OF CUSTODY RECORD

PROJECT NO.	COMPANY <u>G-E. JUANA DIAZ</u>	SAMPLER <u>L. Rivera</u>		
SAMPLE LOCATION/CLIENT ID	<u>DRUM # 1</u>	TIME	<u>12:35</u>	CONTROL NO.
SAMPLE DATE	<u>12-08-95</u>	BEL. NO.	<u>15930</u>	<u>1418</u>

1. General Environmental:

Acidity	()	Alkalinity	()
Ammonia as N	()	Bicarbonate	()
BOD-5	()	Bromide	()
Chloride	()	Chlorine, Res.	()
COD	()	Color (ADMI)	()
Conductivity	()	Color (Pt-Co)	()
Dissolved Oxygen	()	Cyanide	()
Hardness	()	Fluoride	()
Moisture %	()	Iodine	()
Nitrite	()	Nitrate	()
Oil + Grease	()	Nitrate + Nitrite	()
Phenol	()	pH	().....
Phosphorus, Total	()	Phosphate, Ortho	()
Sett. Solids mg/L	()	Sett. Solids mL/L	()
Sulfate	()	Solids, Total	()
Sulfite	()	Sulfide	()
TDS	()	Surfactant	()
Temperature	().....	TSS	()
TOC	()	TKN	()
Asbestos in air	()	Turbidity	()

Relinquished by:

Lancy L. RiveraDate/Time: 12/08/95 1:00p.m.

Received by:

LDRDate/Time: 12-08-95 1:00 pm

Relinquished by:

LDRDate/Time: 12-08-95 2:00pm

Received by:

M. VidalDate/Time: 12/11/95 8:30 AM

Matrix:

air	()
water	()
sludge	()
soil	()
solid	()
oil	()
mixed	()
other	() Specify: _____

Turnaround time:

1 day	()
2 days	()
3 days	()
5 days	()

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders

Sample type legend:

grab samples	x
composite samples	xx

2. Metals

Aluminum	(Al)	()	Cadmium	(Cd)	()
Chromium	(Cr)	()	Copper	(Cu)	()
Iron	(Fe)	()	Lead	(Pb)	()
Manganese	(Mn)	()	Mercury	(Hg)	()
Nickel	(Ni)	()	Selenium	(Se)	()
Silver	(Ag)	()	Tin	(Sn)	()
Zinc	(Zn)	()	Arsenic	(As)	()
Barium	(Ba)	()	Boron	(B)	()
Antimony	(Sb)	()	Beryllium	(Be)	()
Bismuth	(Bi)	()	Calcium	(Ca)	()
Chromium, VI	(CrVI)	()	Cobalt	(Co)	()
Magnesium	(Mg)	()	Molybdenum	(Mo)	()
Potassium	(K)	()	Silicon	(Si)	()
Sodium	(Na)	()	Strontium	(Sr)	()
Thallium	(Tl)	()	Titanium	(Ti)	()
Vanadium	(V)	()			

3. RCRA/Hazardous wastes

Ignitability (Flash Pt.)	(X)	Corrosivity	()
Reactivity (CN & S)	()	TCLP	()
RCRA Metals	()	Organics-Pest/Herb	()
Organics-BNA	()	Organics-VOA	()
TOX	()		

4. Specific Organics

Volatiles	()	Semi-Volatiles (BNA)	()
Pesticides/PCB's	()	PCB's Only	()
Herbicides	()	TPH/Diesel (TPH/D)	()
BTEX	()	TTO	()
TTO & Dioxin	()	OTHER (Specifv)	()

5. Microbiology

Fecal Coliform	()	Total Coliform	()
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Comments: _____

BECKTON ENVIRONMENTAL LABORATORIES
192 Villa Street ♦ Ponce, PR 00731
Tel.: 809-841-7373 ♦ Fax.: 809-841-7313

GE_CARIBE001835

Original

PROCEDURE FOR FILLING CHAIN OF CUSTODY FORM

[Ref.: Beckton's Environmental Laboratories SOP Number 5.0 adopted on May 24, 1995]

Scope And Application

This procedure is necessary to insure the validity of the data. Due to the evidentiary nature of samples collected during enforcement investigations, possession must be traceable from the time the samples are collected until they are introduced as evidence in legal proceedings.

Definition

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1. it is in your possession, or
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4. it is in a designated secure area.

Possession must be traceable from the time the samples are collected until they are finally disposed.

Procedure for filling chain-of-custody forms

Chain of custody shall be completed using black waterproof ink. The information recorded should include:

Project Number:	A number given to the project, optional.
Company:	The name of the Company. If there are companies with the same name, specify the city (place). Site where samples are obtained or specific project for which samples are collected.
Sampler:	Each sampler is identified.
BEL ID Number:	Laboratory Identification Number unique for each sample and assigned by Beckton.
Control No.:	A number assigned by Beckton for the purpose of sample tracking and invoicing. Customers will utilize this number for determining status of samples.
Date:	A six digit number indicating day of collection, month and the year.
Time:	A four digit number indicating time of collection; military time must be preferably employed. AM and PM should be stated in case normal time is employed.
Sample matrix:	Check appropriate space for the following sample matrix: water; solid; air; sludge; soil, solid, mixed waste, or other. In the event other is selected specify the sample matrix.
Sample type:	Write either an "x" or "xx" in the corresponding space next to the parameter. Sample types: xx- composite; x- grab.
Comments:	Sampler should specify field observations or abnormal conditions. For example: If spilt, trip blanks, field blanks or duplicate samples were taken.
Analysis:	Each parameter to be analyzed should be marked with an "X" or "XX"
Relinquished and received by:	When transferring the possession of samples the individuals relinquishing and receiving will sign, date, and note the time. This record documents sample custody transfer from the sampler, often through another person, to the laboratory. Each signature should be legible. If not legible, print name above signature.

- Note:
- (1) The field sampler is personally responsible for the care and custody of samples collected. As few people as possible should handle samples. When in-site measurement are made, the data are recorded directly in the chain-of-custody. For example: pH, temperature, dissolved oxygen, residual chlorine and flow measurements. If errors are made when completing any of these forms, the error must be crossed out with a single line and initialed and dated by the sampler.
 - (2) Beckton Environmental Laboratories follows SOP's for sampling, preservation and handling of samples. These procedures are of utmost importance if test values are representative of the source sample. Correct analytical methods are always employed.
 - (3) If a sample is found to be toxic (as per appropriate RCRA regulation) it will be returned to the client for proper disposal.
 - (4) The following preservatives must be always employed:
Refrigeration, 4°C for all samples; HNO₃ for trace metals, hardness and radioactivity; NaOH for cyanides; H₂SO₄ for phenolics, ammonia nitrogen, TKN, oil & grease, and phosphorus; Zn Acetate for sulfides. Other parameters are preserved as per appropriate SOP.

U.S. Environmental Protection Agency. NPDES Compliance Evaluation Inspection (MCD-75) Manual, Enforcement Division Office of Water Enforcement, Compliance Branch, Enforcement Division (EN-338), Washington, D.C. EPA January, 1981.

Florida Department of Environmental Protection, Comprehensive QA/QC, 1992.

CHAIN OF CUSTODY RECORD

PROJECT NO.	COMPANY <u>G-E JUAN D. M.</u>	SAMPLER <u>L. Rivera</u>		
SAMPLE LOCATION/CLIENT ID	<u>PRM # 2</u>	TIME	<u>12:40</u>	CONTROL NO.
SAMPLE DATE	<u>12-08-95</u>	BEL. NO.	<u>15931</u>	<u>1419</u>

1. General Environmental:

Acidity	()	Alkalinity	()
Ammonia as N	()	Bicarbonate	()
BOD-5	()	Bromide	()
Chloride	()	Chlorine, Res.	()
COD	()	Color (ADMI)	()
Conductivity	()	Color (Pt-Co)	()
Dissolved Oxygen	()	Cyanide	()
Hardness	()	Fluoride	()
Moisture %	()	Iodine	()
Nitrite	()	Nitrate	()
Oil + Grease	()	Nitrate + Nitrite	()
Phenol	()	pH	().....
Phosphorus, Total	()	Phosphate, Ortho	()
Sett. Solids mg/L	()	Sett. Solids mL/L	()
Sulfate	()	Solids, Total	()
Sulfite	()	Sulfide	()
TDS	()	Surfactant	()
Temperature	().....	TSS	()
TOC	()	TKN	()
Asbestos in air	()	Turbidity	()

Relinquished by:

Gancy Lefiera
Date/Time: 12/08/95 1:00 p.m.

Received by:

[Signature]
Date/Time: 12-08-95 1:00 p.m.

Relinquished by:

[Signature]
Date/Time: 12-08-95 2:00 p.m.

Received by:

M. Vidal
Date/Time: 12/11/95 8:30 AM

Matrix:

air ()
water ()
sludge ()
soil ()
solid ()
oil ()
mixed ()
other () Specify: _____

Turnaround time:

1 day ()
2 days ()
3 days ()
5 days ()

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders

Sample type legend:

grab samples x
composite samples xx

2. Metals

Aluminum	(Al)	()	Cadmium	(Cd)	()
Chromium	(Cr)	()	Copper	(Cu)	()
Iron	(Fe)	()	Lead	(Pb)	()
Manganese	(Mn)	()	Mercury	(Hg)	()
Nickel	(Ni)	()	Selenium	(Se)	()
Silver	(Ag)	()	Tin	(Sn)	()
Zinc	(Zn)	()	Arsenic	(As)	()
Barium	(Ba)	()	Boron	(B)	()
Antimony	(Sb)	()	Beryllium	(Be)	()
Bismuth	(Bi)	()	Calcium	(Ca)	()
Chromium, VI	(CrVI)	()	Cobalt	(Co)	()
Magnesium	(Mg)	()	Molybdenum	(Mo)	()
Potassium	(K)	()	Silicon	(Si)	()
Sodium	(Na)	()	Strontium	(Sr)	()
Thallium	(Tl)	()	Titanium	(Ti)	()
Vanadium	(V)	()			

3. RCRA/Hazardous wastes

Ignitability (Flash Pt.)	(X)	Corrosivity	()
Reactivity (CN & S)	()	TCLP	()
RCRA Metals	()	Organics-Pest/Herb	()
Organics-BNA	()	Organics-VOA	()
TOX	()		

4. Specific Organics

Volatiles	()	Semi-Volatiles (BNA)	()
Pesticides/PCB's	()	PCB's Only	()
Herbicides	()	TPH/Diesel (TPH/D)	()
BTEX	()	TTO	()
TTO & Dioxin	()	OTHER (Specifv)	()

5. Microbiology

Fecal Coliform	()	Total Coliform	()
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Comments:

BECKTON ENVIRONMENTAL LABORATORIES
192 Villa Street ♦ Ponce, PR 00731
Tel.: 809-841-7373 ♦ Fax.: 809-841-7313

GE_CARIBE001837

Original

PROCEDURE FOR FILLING CHAIN OF CUSTODY FORM

[Ref.: Beckton's Environmental Laboratories SOP Number 5.0 adopted on May 24, 1995]

Scope And Application

This procedure is necessary to insure the validity of the data. Due to the evidentiary nature of samples collected during enforcement investigations, possession must be traceable from the time the samples are collected until they are introduced as evidence in legal proceedings.

Definition

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1. it is in your possession, or
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Procedure for filling chain-of-custody forms

Chain of custody shall be completed using black waterproof ink. The information recorded should include:

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BEL ID Number:	Laboratory Identification Number unique for each sample and assigned by Beckton.
Control No.:	A number assigned by Beckton for the purpose of sample tracking and invoicing. Customers will utilize this number for determining status of samples.
Date:	A six digit number indicating day of collection, month and the year.
Time:	A four digit number indicating time of collection; military time must be preferably employed. AM and PM should be stated in case normal time is employed.
Sample matrix:	Check appropriate space for the following sample matrix: water; solid; air; sludge, soil, solid, mixed waste, or other. In the event other is selected specify the sample matrix.
Sample type:	Write either an "x" or "xx" in the corresponding space next to the parameter. Sample types: xx- composite; x- grab.
Comments:	Sampler should specify field observations or abnormal conditions. For example: If spilt, trip blanks, field blanks or duplicate samples were taken.
Analysis:	Each parameter to be analyzed should be marked with an "X" or "XX"
Relinquished and received by:	When transferring the possession of samples the individuals relinquishing and receiving will sign, date, and note the time. This record documents sample custody transfer from the sampler, often through another person, to the laboratory. Each signature should be legible. If not legible, print name above signature.

- Note:
- (1) The field sampler is personally responsible for the care and custody of samples collected. As few people as possible should handle samples. When in-site measurement are made, the data are recorded directly in the chain-of-custody. For example: pH, temperature, dissolved oxygen, residual chlorine and flow measurements. If errors are made when completing any of these forms, the error must be crossed out with a single line and initialed and dated by the sampler.
 - (2) Beckton Environmental Laboratories follows SOP's for sampling, preservation and handling of samples. These procedures are of utmost importance if test values are representative of the source sample. Correct analytical methods are always employed.
 - (3) If a sample is found to be toxic (as per appropriate RCRA regulation) it will be returned to the client for proper disposal.
 - (4) The following preservatives must be always employed:
Refrigeration, 4°C for all samples; HNO₃ for trace metals, hardness and radioactivity; NaOH for cyanides; H₂SO₄ for phenolics, ammonia nitrogen, TKN, oil & grease, and phosphorus; Zn Acetate for sulfides. Other parameters are preserved as per appropriate SOP.

U.S. Environmental Protection Agency. NPDES Compliance Evaluation Inspection (MCD-75) Manual, Enforcement Division Office of Water Enforcement, Compliance Branch, Enforcement Division (EN-338), Washington, D.C. EPA January, 1981.

Florida Department of Environmental Protection, Comprehensive QA/QC, 1992.

CHAIN OF CUSTODY RECORD

PROJECT NO.	COMPANY <u>GE. JUAN DIAZ</u>	SAMPLER <u>L. RIVERA</u>		
SAMPLE LOCATION/CLIENT ID	<u>PRUM # 3</u>	TIME	<u>12:45</u>	CONTROL NO.
SAMPLE DATE	<u>12-08-95</u>	BEL. NO.	<u>15932</u>	<u>1420</u>

1. General Environmental:

Acidity	()	Alkalinity	()
Ammonia as N	()	Bicarbonate	()
BOD-5	()	Bromide	()
Chloride	()	Chlorine, Res.	()
COD	()	Color (ADMI)	()
Conductivity	()	Color (Pt-Co)	()
Dissolved Oxygen	()	Cyanide	()
Hardness	()	Fluoride	()
Moisture %	()	Iodine	()
Nitrite	()	Nitrate	()
Oil + Grease	()	Nitrate + Nitrite	()
Phenol	()	pH	().....
Phosphorus, Total	()	Phosphate, Ortho	()
Sett. Solids mg/L	()	Sett. Solids mL/L	()
Sulfate	()	Solids, Total	()
Sulfite	()	Sulfide	()
TDS	()	Surfactant	()
Temperature	().....	TSS	()
TOC	()	TKN	()
Asbestos in air	()	Turbidity	()

Relinquished by:

Yancy Sepina LaveDate/Time: 12/08/95 1:00 p.m.

Received by:

[Signature]Date/Time: 12-08-95 - 1:00p

Relinquished by:

[Signature]Date/Time: 12-08-95 2:00p

Received by:

M. VidalDate/Time: 12/11/95 8:30 AM

Matrix:

air	()
water	()
sludge	()
soil	()
solid	()
oil	()
mixed	()
other	() Specify: _____

Turnaround time:

1 day	()
2 days	()
3 days	()
5 days	()

Note: normal turnaround time is ten (10) working

days; additional charges apply for rush orders

Sample type legend:

grab samples	x
composite samples	xx

2. Metals

Aluminum	(Al)	()	Cadmium	(Cd)	()
Chromium	(Cr)	()	Copper	(Cu)	()
Iron	(Fe)	()	Lead	(Pb)	()
Manganese	(Mn)	()	Mercury	(Hg)	()
Nickel	(Ni)	()	Selenium	(Se)	()
Silver	(Ag)	()	Tin	(Sn)	()
Zinc	(Zn)	()	Arsenic	(As)	()
Barium	(Ba)	()	Boron	(B)	()
Antimony	(Sb)	()	Beryllium	(Be)	()
Bismuth	(Bi)	()	Calcium	(Ca)	()
Chromium, VI	(CrVI)	()	Cobalt	(Co)	()
Magnesium	(Mg)	()	Molybdenum	(Mo)	()
Potassium	(K)	()	Silicon	(Si)	()
Sodium	(Na)	()	Strontium	(Sr)	()
Thallium	(Tl)	()	Titanium	(Ti)	()
Vanadium	(V)	()			

3. RCRA/Hazardous wastes

Ignitability (Flash Pt.)	(X)	Corrosivity	()
Reactivity (CN & S)	()	TCLP	()
RCRA Metals	()	Organics-Pest/Herb	()
Organics-BNA	()	Organics-VOA	()
TOX	()		

4. Specific Organics

Volatiles	()	Semi-Volatiles (BNA)	()
Pesticides/PCB's	()	PCB's Only	()
Herbicides	()	TPH/Diesel (TPH/D)	()
BTEX	()	TTO	()
TTO & Dioxin	()	OTHER (Specify) _____	()

5. Microbiology

Fecal Coliform	()	Total Coliform	()
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Comments: _____

BECKTON ENVIRONMENTAL LABORATORIES

192 Villa Street ♦ Ponce, PR 00731

Tel.: 809-841-7373 ♦ Fax.: 809-841-7313

GE_CARIBE001839

Original

PROCEDURE FOR FILLING CHAIN OF CUSTODY FORM

[Ref.: Beckton's Environmental Laboratories SOP Number 5.0 adopted on May 24, 1995]

Scope And Application

This procedure is necessary to insure the validity of the data. Due to the evidentiary nature of samples collected during enforcement investigations, possession must be traceable from the time the samples are collected until they are introduced as evidence in legal proceedings.

Definition

According to the USEPA Office of Enforcement and Compliance Monitoring National Enforcement Investigation Center (NEIC) Policies and Procedures, May 1978 and revised on May 1986, a sample is under custody if:

1. it is in your possession, or
2. it is in your view, after being in your possession, or
3. it was in your possession and you locked it up, or
4. it is in a designated secure area.

Possession must be traceable from the time the samples are collected until they are finally disposed.

Procedure for filling chain-of-custody forms

Chain of custody shall be completed using black waterproof ink. The information recorded should include:

Project Number:	A number given to the project, optional.
Company:	The name of the Company. If there are companies with the same name, specify the city (place). Site where samples are obtained or specific project for which samples are collected.
Sampler:	Each sampler is identified.
BEL ID Number:	Laboratory Identification Number unique for each sample and assigned by Beckton.
Control No.:	A number assigned by Beckton for the purpose of sample tracking and invoicing. Customers will utilize this number for determining status of samples.
Date:	A six digit number indicating day of collection, month and the year.
Time:	A four digit number indicating time of collection; military time must be preferably employed. AM and PM should be stated in case normal time is employed.
Sample matrix:	Check appropriate space for the following sample matrix: water; solid; air; sludge, soil, solid, mixed waste, or other. In the event other is selected specify the sample matrix.
Sample type:	Write either an "x" or "xx" in the corresponding space next to the parameter. Sample types: xx- composite; x- grab.
Comments:	Sampler should specify field observations or abnormal conditions. For example: If spilt, trip blanks, field blanks or duplicate samples were taken.
Analysis:	Each parameter to be analyzed should be marked with an "X" or "XX"
Relinquished and received by:	When transferring the possession of samples the individuals relinquishing and receiving will sign, date, and note the time. This record documents sample custody transfer from the sampler, often through another person, to the laboratory. Each signature should be legible. If not legible, print name above signature.

- Note:
- (1) The field sampler is personally responsible for the care and custody of samples collected. As few people as possible should handle samples. When in-site measurement are made, the data are recorded directly in the chain-of-custody. For example: pH, temperature, dissolved oxygen, residual chlorine and flow measurements. If errors are made when completing any of these forms, the error must be crossed out with a single line and initialed and dated by the sampler.
 - (2) Beckton Environmental Laboratories follows SOP's for sampling, preservation and handling of samples. These procedures are of utmost importance if test values are representative of the source sample. Correct analytical methods are always employed.
 - (3) If a sample is found to be toxic (as per appropriate RCRA regulation) it will be returned to the client for proper disposal.
 - (4) The following preservatives must be always employed:
Refrigeration, 4°C for all samples; HNO₃ for trace metals, hardness and radioactivity; NaOH for cyanides; H₂SO₄ for phenolics, ammonia nitrogen, TKN, oil & grease, and phosphorus; Zn Acetate for sulfides. Other parameters are preserved as per appropriate SOP.

U.S. Environmental Protection Agency. NPDES Compliance Evaluation Inspection (MCD-75) Manual, Enforcement Division Office of Water Enforcement, Compliance Branch, Enforcement Division (EN-338), Washington, D.C. EPA January, 1981.

Florida Department of Environmental Protection, Comprehensive QA/QC, 1992.

CHAIN OF CUSTODY RECORD

PROJECT NO.	COMPANY <i>G. E. SUDNA RIA</i>	SAMPLER <i>C. R. U...</i>	
SAMPLE LOCATION/CLIENT ID <i>Drum #4</i>	TIME <i>12:50</i>	CONTROL NO. <i>1421</i>	
SAMPLE DATE <i>12-08-95</i>	BEL. NO. <i>15933</i>		

1. General Environmental:

Acidity ()	Alkalinity ()
Ammonia as N ()	Bicarbonate ()
BOD-5 ()	Bromide ()
Chloride ()	Chlorine, Res. ()
COD ()	Color (ADMI) ()
Conductivity ()	Color (Pt-Co) ()
Dissolved Oxygen ()	Cyanide ()
Hardness ()	Fluoride ()
Moisture % ()	Iodine ()
Nitrite ()	Nitrate ()
Oil + Grease ()	Nitrate + Nitrite ()
Phenol ()	pH ().....
Phosphorus, Total ()	Phosphate, Ortho ()
Sett. Solids mg/L ()	Sett. Solids mL/L ()
Sulfate ()	Solids, Total ()
Sulfite ()	Sulfide ()
TDS ()	Surfactant ()
Temperature ().....	TSS ()
TOC ()	TKN ()
Asbestos in air ()	Turbidity ()

Relinquished by:

Ganey Lefira
Date/Time: *12/08/95 1:00 PM*

Received by:

[Signature]
Date/Time: *12-08-95 1:00 PM*

Relinquished by:

[Signature]
Date/Time: *12-08-95 2 PM*

Received by:

M. Vidal
Date/Time: *12/11/95 8:30 AM*

Matrix:

air ()
water ()
sludge ()
soil ()
solid ()
oil ()
mixed ()
other () Specify: _____

Turnaround time:

1 day ()
2 days ()
3 days ()
5 days ()

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders

Sample type legend:

grab samples x
composite samples xx

2. Metals

Aluminum (Al) ()	Cadmium (Cd) ()
Chromium (Cr) ()	Copper (Cu) ()
Iron (Fe) ()	Lead (Pb) ()
Manganese (Mn) ()	Mercury (Hg) ()
Nickel (Ni) ()	Selenium (Se) ()
Silver (Ag) ()	Tin (Sn) ()
Zinc (Zn) ()	Arsenic (As) ()
Barium (Ba) ()	Boron (B) ()
Antimony (Sb) ()	Beryllium (Be) ()
Bismuth (Bi) ()	Calcium (Ca) ()
Chromium, VI (CrVI) ()	Cobalt (Co) ()
Magnesium (Mg) ()	Molybdenum (Mo) ()
Potassium (K) ()	Silicon (Si) ()
Sodium (Na) ()	Strontium (Sr) ()
Thallium (Tl) ()	Titanium (Ti) ()
Vanadium (V) ()	

3. RCRA/Hazardous wastes

Ignitability (Flash Pt.) (X)	Corrosivity ()
Reactivity (CN & S) ()	TCLP ()
RCRA Metals ()	Organics-Pest/Herb ()
Organics-BNA ()	Organics-VOA ()
TOX ()	

4. Specific Organics

Volatiles ()	Semi-Volatiles (BNA) ()
Pesticides/PCB's ()	PCB's Only ()
Herbicides ()	TPH/Diesel (TPH/D) ()
BTEX ()	TTO ()
TTO & Dioxin ()	OTHER (Specifv) _____ ()

5. Microbiology

Fecal Coliform ()	Total Coliform ()
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Comments:

BECKTON ENVIRONMENTAL LABORATORIES

192 Villa Street ♦ Ponce, PR 00731

Tel.: 809-841-7373 ♦ Fax.: 809-841-7313

GE_CARIBE001841

Original

PROCEDURE FOR FILLING CHAIN OF CUSTODY FORM

[Ref.: Beckton's Environmental Laboratories SOP Number 5.0 adopted on May 24, 1995]

Scope And Application

This procedure is necessary to insure the validity of the data. Due to the evidentiary nature of samples collected during enforcement investigations, possession must be traceable from the time the samples are collected until they are introduced as evidence in legal proceedings.

Definition

According to the USEPA Office of Enforcement and Compliance Monitoring National Enforcement Investigation Center (NEIC) Policies and Procedures, May 1978 and revised on May 1986, a sample is under custody if:

1. it is in your possession, or
2. it is in your view, after being in your possession, or
3. it was in your possession and you locked it up, or
4. it is in a designated secure area.

Possession must be traceable from the time the samples are collected until they are finally disposed.

Procedure for filling chain-of-custody forms

Chain of custody shall be completed using black waterproof ink. The information recorded should include:

Project Number:	A number given to the project, optional.
Company:	The name of the Company. If there companies with the same name, specified the city (place). Site were samples are obtained or specific project for which samples are collected.
Sampler:	Each sampler is identified.
BEL ID Number:	Laboratory Identification Number unique for each sample and assigned by Beckton.
Control No.:	A number assigned by Beckton for the purpose of sample tracking and invoicing. Customers will utilize this number for determining status of samples.
Date:	A six digit number indicating day of collection, month and the year.
Time:	A four digit number indicating time of collection; military time must be preferably employed. AM and PM should be stated in case normal time is employed.
Sample matrix:	Check appropriate space for the following sample matrix: water; solid; air; sludge, soil, solid, mixed waste, or other. In the event other is selected specify the sample matrix.
Sample type:	Write either an "x" or "xx" in the corresponding space next to the parameter. Sample types: xx- composite; x- grab.
Comments:	Sampler should specify field observations or abnormal conditions. For example: If spilt, trip blanks, field blanks or duplicates samples were taken.
Analysis:	Each parameter to be analyzed should be marked with an "X" or "XX"
Relinquished and received by:	When transferring the possession of samples the individuals relinquishing and receiving will sign, date, and note the time. This record documents sample custody transfer from the sampler, often through another person, to the laboratory. Each signature should be legible. If not legible, print name above signature.

- Note:
- (1) The field sampler is personally responsible for the care and custody of samples collected. As few people as possible should handle samples. When in-site measurement are made, the data are recorded directly in the chain-of-custody. For example: pH, temperature, dissolved oxygen, residual chlorine and flow measurements. If errors are made when completing any of these forms, the error must be crossed out with a single line and initialed and dated by the sampler.
 - (2) Beckton Environmental Laboratories follows SOP's for sampling, preservation and handling of samples. These procedures are of utmost importance if test values are representative of the source sample. Correct analytical methods are always employed.
 - (3) If a sample is found to be toxic (as per appropriate RCRA regulation) it will be returned to the client for proper disposal.
 - (4) The following preservatives must be always employed:
Refrigeration, 4°C for all samples; HNO₃ for trace metals, hardness and radioactivity; NaOH for cyanides; H₂SO₄ for phenolics, ammonia nitrogen, TKN, oil & grease, and phosphorus; Zn Acetate for sulfides. Other parameters are preserved as per appropriate SOP.

U.S. Environmental Protection Agency. NPDES Compliance Evaluation Inspection (MCD-75) Manual, Enforcement Division Office of Water Enforcement, Compliance Branch, Enforcement Division (EN-338), Washington, D.C. EPA January, 1981.

Florida Department of Environmental Protection, Comprehensive QA/QC, 1992.

CHAIN OF CUSTODY RECORD

PROJECT NO.	COMPANY <i>G-E. Sana Diez</i>	SAMPLER <i>C. Rivera</i>	
SAMPLE LOCATION/CLIENT ID	<i>Outlet Electrico</i>	TIME	<i>12:55</i>
SAMPLE DATE	<i>12.08-95</i>	BEL. NO.	<i>15934</i>
		CONTROL NO. <i>1423</i>	

1. General Environmental:

Acidity ()	Alkalinity ()
Ammonia as N ()	Bicarbonate ()
BOD-5 ()	Bromide ()
Chloride ()	Chlorine, Res. ()
COD ()	Color (ADMI) ()
Conductivity ()	Color (Pt-Co) ()
Dissolved Oxygen ()	Cyanide ()
Hardness ()	Fluoride ()
Moisture % ()	Iodine ()
Nitrite ()	Nitrate ()
Oil + Grease ()	Nitrate + Nitrite ()
Phenol ()	pH ()
Phosphorus, Total ()	Phosphate, Ortho ()
Sett. Solids mg/L ()	Sett. Solids mL/L ()
Sulfate ()	Solids, Total ()
Sulfite ()	Sulfide ()
TDS ()	Surfactant ()
Temperature ()	TSS ()
TOC ()	TKN ()
Asbestos in air ()	Turbidity ()

Relinquished by:

Date/Time:

Received by:

Date/Time:

Relinquished by:

Date/Time:

Received by:

Date/Time:

Matrix:

air ()
 water ()
 sludge ()
 soil ()
 solid ()
 oil ()
 mixed ()
 other () Specify: _____

Turnaround time:

1 day ()
 2 days ()
 3 days ()
 5 days ()

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders

Sample type legend:

grab samples x
 composite samples xx

2. Metals

Aluminum (Al) ()	Cadmium (Cd) ()
Chromium (Cr) ()	Copper (Cu) ()
Iron (Fe) ()	Lead (Pb) (X)
Manganese (Mn) ()	Mercury (Hg) ()
Nickel (Ni) ()	Selenium (Se) ()
Silver (Ag) ()	Tin (Sn) ()
Zinc (Zn) ()	Arsenic (As) ()
Barium (Ba) ()	Boron (B) ()
Antimony (Sb) ()	Beryllium (Be) ()
Bismuth (Bi) ()	Calcium (Ca) ()
Chromium, VI (CrVI) ()	Cobalt (Co) ()
Magnesium (Mg) ()	Molybdenum (Mo) ()
Potassium (K) ()	Silicon (Si) ()
Sodium (Na) ()	Strontium (Sr) ()
Thallium (Tl) ()	Titanium (Ti) ()
Vanadium (V) ()	

3. RCRA/Hazardous wastes

Ignitability (Flash Pt.) ()	Corrosivity ()
Reactivity (CN & S) ()	TCLP ()
RCRA Metals ()	Organics-Pest/Herb ()
Organics-BNA ()	Organics-VOA ()
TOX ()	

4. Specific Organics

Volatiles ()	Semi-Volatiles (BNA) ()
Pesticides/PCB's ()	PCB's Only ()
Herbicides ()	TPH/Diesel (TPH/D) ()
BTEX ()	TTO ()
TTO & Dioxin ()	OTHER (Specifv) ()

5. Microbiology

Fecal Coliform ()	Total Coliform ()
--------------------	--------------------

Comments: *TCLP - Pb*

BECKTON ENVIRONMENTAL LABORATORIES

192 Villa Street ♦ Ponce, PR 00731

Tel.: 809-841-7373 ♦ Fax.: 809-841-7313

GE_CARIBE001843

Original

PROCEDURE FOR FILLING CHAIN OF CUSTODY FORM

[Ref.: Beckton's Environmental Laboratories SOP Number 5.0 adopted on May 24, 1995]

Scope And Application

This procedure is necessary to insure the validity of the data. Due to the evidentiary nature of samples collected during enforcement investigations, possession must be traceable from the time the samples are collected until they are introduced as evidence in legal proceedings.

Definition

According to the USEPA Office of Enforcement and Compliance Monitoring National Enforcement Investigation Center (NEIC) Policies and Procedures, May 1978 and revised on May 1986, a sample is under custody if:

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3. it was in your possession and you locked it up, or
4. it is in a designated secure area.

Possession must be traceable from the time the samples are collected until they are finally disposed.

Procedure for filling chain-of-custody forms

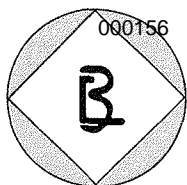
Chain of custody shall be completed using black waterproof ink. The information recorded should include:

Project Number:	A number given to the project, optional.
Company:	The name of the Company. If there are companies with the same name, specify the city (place). Site where samples are obtained or specific project for which samples are collected.
Sampler:	Each sampler is identified.
BEL ID Number:	Laboratory Identification Number unique for each sample and assigned by Beckton.
Control No.:	A number assigned by Beckton for the purpose of sample tracking and invoicing. Customers will utilize this number for determining status of samples.
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Time:	A four digit number indicating time of collection; military time must be preferably employed. AM and PM should be stated in case normal time is employed.
Sample matrix:	Check appropriate space for the following sample matrix: water; solid; air; sludge, soil, solid, mixed waste, or other. In the event other is selected specify the sample matrix.
Sample type:	Write either an "x" or "xx" in the corresponding space next to the parameter. Sample types: xx- composite; x- grab.
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Analysis:	Each parameter to be analyzed should be marked with an "X" or "XX"
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- Note:**
- (1) The field sampler is personally responsible for the care and custody of samples collected. As few people as possible should handle samples. When in-site measurement are made, the data are recorded directly in the chain-of-custody. For example: pH, temperature, dissolved oxygen, residual chlorine and flow measurements. If errors are made when completing any of these forms, the error must be crossed out with a single line and initialed and dated by the sampler.
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Refrigeration, 4°C for all samples; HNO₃ for trace metals, hardness and radioactivity; NaOH for cyanides; H₂SO₄ for phenolics, ammonia nitrogen, TKN, oil & grease, and phosphorus; Zn Acetate for sulfides. Other parameters are preserved as per appropriate SOP.

U.S. Environmental Protection Agency. NPDES Compliance Evaluation Inspection (MCD-75) Manual, Enforcement Division Office of Water Enforcement, Compliance Branch, Enforcement Division (EN-338), Washington, D.C. EPA January, 1981.

Florida Department of Environmental Protection, Comprehensive QA/QC, 1992.



BECKTON ENVIRONMENTAL
LABORATORIES, INC.

October 13, 1995

ANALYSIS REPORT

SAMPLE IDENTIFICATION: Drum # 2
G.E., Fab. (Juana Díaz)

Att.: Nancy Texeira
Lab Name: Beckton Environmental Laboratories
Sampler: V. Castro
Matrix: Mixed

Lab. sample ID: BEL-14509

Sample wt/vol: 1000/5.0(g/mL) mL

Lab. File ID: 14509TCL

Column: (pack/cap) capillary

Date Received: 09/25/95
Date Analyzed: 10/10/95

MAXIMUM CONCENTRATION OF CONTAMINANTS
FOR CHARACTERISTIC OF TCLP TOXICITY

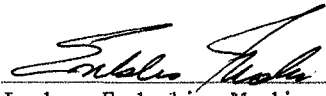
EPA HAZARDOUS WASTE NUMBER	CONTAMINANT	RESULTS (mg/L)	DETECTION LIMIT (mg/L)	REGULATORY LEVEL (mg/L)
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VOLATILE ORGANICS (SW-846 8010; 8015; 8021)

D018	Benzene	N.D.	.040	0.5
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N.D.-not detected

Certification and release of the data contained in this Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee.


Lcda. Eulalia Medina
Chemist
Chemist License 3901



CHAIN OF CUSTODY RECORD

PROJECT NO.	COMPANY <i>G.E. Juana Rios</i>	SAMPLER <i>V. Castro</i>	
SAMPLE LOCATION/CLIENT ID	<i>Too/ Room scrap</i>	TIME	<i>12:40PM</i>
SAMPLE DATE	<i>9-25-95</i>	BEL. NO.	<i>14507</i>
		CONTROL NO. <i>673</i>	

1. General Environmental:

Acidity ()	Alkalinity ()
Ammonia as N ()	Bicarbonate ()
BOD-5 ()	Bromide ()
Chloride ()	Chlorine, Res. ()
COD ()	Color (ADMI) ()
Conductivity ()	Color (Pt-Co) ()
Dissolved Oxygen ()	Cyanide ()
Hardness ()	Fluoride ()
Moisture % ()	Iodine ()
Nitrite ()	Nitrate ()
Oil + Grease ()	Nitrate + Nitrite ()
Phenol ()	pH ().....
Phosphorus, Total ()	Phosphate, Ortho ()
Sett. Solids mg/L ()	Sett. Solids mL/L ()
Sulfate ()	Solids, Total ()
Sulfite ()	Sulfide ()
TDS ()	Surfactant ()
Temperature ().....	TSS ()
TOC ()	TKN ()
Asbestos in air ()	Turbidity ()

Relinquished by:

Nancy Leferia
Date/Time: *9/25/95 1:15 p.m.*

Received by:

Victor Castro
Date/Time: *9-25-95 1:15PM*

Relinquished by:

Victor Castro
Date/Time: *9-25-95 3:30PM*

Received by:

M. Vidal
Date/Time: *9/26/95 8:00 AM*

Matrix:

air ()
water ()
sludge ()
soil (X)
solid ()
oil ()
mixed ()
other () Specify: _____

Turnaround time:

1 day ()
2 days ()
3 days ()
5 days ()

Note:

normal turnaround time is ten (10) working days; additional charges apply for rush orders

Sample type legend:

grab samples x
composite samples xx

2. Metals

Aluminum (Al) ()	Cadmium (Cd) ()
Chromium (Cr) ()	Copper (Cu) ()
Iron (Fe) ()	Lead (Pb) ()
Manganese (Mn) ()	Mercury (Hg) ()
Nickel (Ni) ()	Selenium (Se) ()
Silver (Ag) ()	Tin (Sn) ()
Zinc (Zn) ()	Arsenic (As) ()
Barium (Ba) ()	Boron (B) ()
Antimony (Sb) ()	Beryllium (Be) ()
Bismuth (Bi) ()	Calcium (Ca) ()
Chromium, VI (CrVI) ()	Cobalt (Co) ()
Magnesium (Mg) ()	Molybdenum (Mo) ()
Potassium (K) ()	Silicon (Si) ()
Sodium (Na) ()	Strontium (Sr) ()
Thallium (Tl) ()	Titanium (Ti) ()
Vanadium (V) ()	

3. RCRA/Hazardous wastes

Ignitability (Flash Pt.) ()	Corrosivity ()
Reactivity (CN & S) ()	TCLP ()
RCRA Metals (X)	Organics-Pest/Herb ()
Organics-BNA ()	Organics-VOA ()
TOX ()	

4. Specific Organics

Volatiles ()	Semi-Volatiles (BNA) ()
Pesticides/PCB's ()	PCB's Only ()
Herbicides ()	TPH/Diesel (TPH/D) ()
BTEX ()	TTO ()
TTO & Dioxin ()	OTHER (Specify) _____ ()

5. Microbiology

Fecal Coliform ()	Total Coliform ()
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Comments: _____

BECKTON ENVIRONMENTAL LABORATORIES

192 Villa Street ♦ Ponce, PR 00731

Tel.: 809-841-7373 ♦ Fax.: 809-841-7313

Original

GE_CARIBE001846

PROCEDURE FOR FILLING CHAIN OF CUSTODY FORM.

[Ref.: Beckton's Environmental Laboratories SOP Number 5.0 adopted on May 24, 1995]

Scope And Application

This procedure is necessary to insure the validity of the data. Due to the evidentiary nature of samples collected during enforcement investigations, possession must be traceable from the time the samples are collected until they are introduced as evidence in legal proceedings.

Definition

According to the USEPA Office of Enforcement and Compliance Monitoring National Enforcement Investigation Center (NEIC) Policies and Procedures, May 1978 and revised on May 1986, a sample is under custody if:

1. it is in your possession, or
2. it is in your view, after being in your possession, or
3. it was in your possession and you locked it up, or
4. it is in a designated secure area.

Possession must be traceable from the time the samples are collected until they are finally disposed.

Procedure for filling chain-of-custody forms

Chain of custody shall be completed using black waterproof ink. The information recorded should include:

Project Number:	A number given to the project, optional.
Company:	The name of the Company. If there are companies with the same name, specify the city (place). Site where samples are obtained or specific project for which samples are collected.
Sampler:	Each sampler is identified.
BEL ID Number:	Laboratory Identification Number unique for each sample and assigned by Beckton.
Control No.:	A number assigned by Beckton for the purpose of sample tracking and invoicing. Customers will utilize this number for determining status of samples.
Date:	A six digit number indicating day of collection, month and the year.
Time:	A four digit number indicating time of collection; military time must be preferably employed. AM and PM should be stated in case normal time is employed.
Sample matrix:	Check appropriate space for the following sample matrix: water; solid; air; sludge, soil, solid, mixed waste, or other. In the event other is selected specify the sample matrix.
Sample type:	Write either an "x" or "xx" in the corresponding space next to the parameter. Sample types: xx- composite; x- grab.
Comments:	Sampler should specify field observations or abnormal conditions. For example: If split, trip blanks, field blanks or duplicate samples were taken.
Analysis:	Each parameter to be analyzed should be marked with an "X" or "XX"
Relinquished and received by:	When transferring the possession of samples the individuals relinquishing and receiving will sign, date, and note the time. This record documents sample custody transfer from the sampler, often through another person, to the laboratory. Each signature should be legible. If not legible, print name above signature.

- Note:**
- (1) The field sampler is personally responsible for the care and custody of samples collected. As few people as possible should handle samples. When in-site measurement are made, the data are recorded directly in the chain-of-custody. For example: pH, temperature, dissolved oxygen, residual chlorine and flow measurements. If errors are made when completing any of these forms, the error must be crossed out with a single line and initialed and dated by the sampler.
 - (2) Beckton Environmental Laboratories follows SOP's for sampling, preservation and handling of samples. These procedures are of utmost importance if test values are representative of the source sample. Correct analytical methods are always employed.
 - (3) If a sample is found to be toxic (as per appropriate RCRA regulation) it will be returned to the client for proper disposal.
 - (4) The following preservatives must be always employed:
Refrigeration, 4°C for all samples; HNO₃ for trace metals, hardness and radioactivity; NaOH for cyanides; H₂SO₄ for phenolics, ammonia nitrogen, TKN, oil & grease, and phosphorus; Zn Acetate for sulfides. Other parameters are preserved as per appropriate SOP.

U.S. Environmental Protection Agency. NPDES Compliance Evaluation Inspection (MCD-75) Manual, Enforcement Division Office of Water Enforcement, Compliance Branch, Enforcement Division (EN-338), Washington, D.C. EPA January, 1981.

Florida Department of Environmental Protection, Comprehensive QA/QC, 1992.

CHAIN OF CUSTODY RECORD

PROJECT NO.	COMPANY <i>GE Juana Diaz</i>	SAMPLER <i>V. Castro</i>	
SAMPLE LOCATION/CLIENT ID	<i>drum # 1</i>	TIME	<i>12:00PM</i>
SAMPLE DATE	<i>9-25-95</i>	BEL. NO.	<i>14508</i>
		CONTROL NO. <i>667</i>	

1. General Environmental:

Acidity	()	Alkalinity	()
Ammonia as N	()	Bicarbonate	()
BOD-5	()	Bromide	()
Chloride	()	Chlorine, Res.	()
COD	()	Color (ADMI)	()
Conductivity	()	Color (Pt-Co)	()
Dissolved Oxygen	()	Cyanide	()
Hardness	()	Fluoride	()
Moisture %	()	Iodine	()
Nitrite	()	Nitrate	()
Oil + Grease	()	Nitrate + Nitrite	()
Phenol	()	pH	().....
Phosphorus, Total	()	Phosphate, Ortho	()
Sett. Solids mg/L	()	Sett. Solids mL/L	()
Sulfate	()	Solids, Total	()
Sulfite	()	Sulfide	()
TDS	()	Surfactant	()
Temperature	().....	TSS	()
TOC	()	TKN	()
Asbestos in air	()	Turbidity	()

Relinquished by:

*Yancy Lepeira*Date/Time: *9/25/95 1:15 p.m.*

Received by:

*Victor Castro*Date/Time: *9-25-95 1:15pm*

Relinquished by:

*Victor Castro*Date/Time: *9-25-95 3:30pm*

Received by:

*M. Vidal*Date/Time: *9/26/95 8:00 AM*

2. Metals

Aluminum	(Al)	()	Cadmium	(Cd)	()
Chromium	(Cr)	()	Copper	(Cu)	()
Iron	(Fe)	()	Lead	(Pb)	()
Manganese	(Mn)	()	Mercury	(Hg)	()
Nickel	(Ni)	()	Selenium	(Se)	()
Silver	(Ag)	()	Tin	(Sn)	()
Zinc	(Zn)	()	Arsenic	(As)	()
Barium	(Ba)	()	Boron	(B)	()
Antimony	(Sb)	()	Beryllium	(Be)	()
Bismuth	(Bi)	()	Calcium	(Ca)	()
Chromium, VI	(CrVI)	()	Cobalt	(Co)	()
Magnesium	(Mg)	()	Molybdenum	(Mo)	()
Potassium	(K)	()	Silicon	(Si)	()
Sodium	(Na)	()	Strontium	(Sr)	()
Thallium	(Tl)	()	Titanium	(Ti)	()
Vanadium	(V)	()			

Matrix:

air	()
water	()
sludge	()
soil	()
solid	()
oil	()
mixed	(X)
other	() Specify: _____

Turnaround time:

1 day	()
2 days	()
3 days	()
5 days	()

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders

3. RCRA/Hazardous wastes

Ignitability (Flash Pt.)	()	Corrosivity	()
Reactivity (CN & S)	()	TCLP	(X) <i>benzene</i>
RCRA Metals	()	Organics-Pest/Herb	()
Organics-BNA	()	Organics-VOA	()
TOX	()		

4. Specific Organics

Volatiles	()	Semi-Volatiles (BNA)	()
Pesticides/PCB's	()	PCB's Only	()
Herbicides	()	TPH/Diesel (TPH/D)	()
BTEX	()	TTO	()
TTO & Dioxin	()	OTHER (Specify) _____	()

5. Microbiology

Fecal Coliform	()	Total Coliform	()
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Comments: _____

BECKTON ENVIRONMENTAL LABORATORIES

192 Villa Street ♦ Ponce, PR 00731

Tel.: 809-841-7373 ♦ Fax.: 809-841-7313

Original

GE_CARIBE001848

PROCEDURE FOR FILLING CHAIN OF CUSTODY FORM

[Ref.: Beckton's Environmental Laboratories SOP Number 5.0 adopted on May 24, 1995]

Scope And Application

This procedure is necessary to insure the validity of the data. Due to the evidentiary nature of samples collected during enforcement investigations, possession must be traceable from the time the samples are collected until they are introduced as evidence in legal proceedings.

Definition

According to the USEPA Office of Enforcement and Compliance Monitoring National Enforcement Investigation Center (NEIC) Policies and Procedures, May 1978 and revised on May 1986, a sample is under custody if:

1. it is in your possession, or
2. it is in your view, after being in your possession, or
3. it was in your possession and you locked it up, or
4. it is in a designated secure area.

Possession must be traceable from the time the samples are collected until they are finally disposed.

Procedure for filling chain-of-custody forms

Chain of custody shall be completed using black waterproof ink. The information recorded should include:

Project Number:	A number given to the project, optional.
Company:	The name of the Company. If there are companies with the same name, specify the city (place). Site where samples are obtained or specific project for which samples are collected.
Sampler:	Each sampler is identified.
BEL ID Number:	Laboratory Identification Number unique for each sample and assigned by Beckton.
Control No.:	A number assigned by Beckton for the purpose of sample tracking and invoicing. Customers will utilize this number for determining status of samples.
Date:	A six digit number indicating day of collection, month and the year.
Time:	A four digit number indicating time of collection; military time must be preferably employed. AM and PM should be stated in case normal time is employed.
Sample matrix:	Check appropriate space for the following sample matrix: water; solid; air; sludge, soil, solid, mixed waste, or other. In the event other is selected specify the sample matrix.
Sample type:	Write either an "x" or "xx" in the corresponding space next to the parameter. Sample types: xx- composite; x- grab.
Comments:	Sampler should specify field observations or abnormal conditions. For example: If split, trip blanks, field blanks or duplicate samples were taken.
Analysis:	Each parameter to be analyzed should be marked with an "X" or "XX"
Relinquished and received by:	When transferring the possession of samples the individuals relinquishing and receiving will sign, date, and note the time. This record documents sample custody transfer from the sampler, often through another person, to the laboratory. Each signature should be legible. If not legible, print name above signature.

- Note:
- (1) The field sampler is personally responsible for the care and custody of samples collected. As few people as possible should handle samples. When in-site measurement are made, the data are recorded directly in the chain-of-custody. For example: pH, temperature, dissolved oxygen, residual chlorine and flow measurements. If errors are made when completing any of these forms, the error must be crossed out with a single line and initialed and dated by the sampler.
 - (2) Beckton Environmental Laboratories follows SOP's for sampling, preservation and handling of samples. These procedures are of utmost importance if test values are representative of the source sample. Correct analytical methods are always employed.
 - (3) If a sample is found to be toxic (as per appropriate RCRA regulation) it will be returned to the client for proper disposal.
 - (4) The following preservatives must be always employed:
Refrigeration, 4°C for all samples; HNO₃ for trace metals, hardness and radioactivity; NaOH for cyanides; H₂SO₄ for phenolics, ammonia nitrogen, TKN, oil & grease, and phosphorus; Zn Acetate for sulfides. Other parameters are preserved as per appropriate SOP.

U.S. Environmental Protection Agency. NPDES Compliance Evaluation Inspection (MCD-75) Manual, Enforcement Division Office of Water Enforcement, Compliance Branch, Enforcement Division (EN-338), Washington, D.C. EPA January, 1981.

Florida Department of Environmental Protection, Comprehensive QA/QC, 1992.

CHAIN OF CUSTODY RECORD

PROJECT NO.	COMPANY <i>GE Juana Diaz</i>	SAMPLER <i>V. Castro</i>		
SAMPLE LOCATION/CLIENT ID	<i>drum # 2</i>	TIME	<i>12:05pm</i>	CONTROL NO.
SAMPLE DATE	<i>9-25-95</i>	BEL. NO.	<i>14509</i>	<i>668</i>

1. General Environmental:

Acidity ()	Alkalinity ()
Ammonia as N ()	Bicarbonate ()
BOD-5 ()	Bromide ()
Chloride ()	Chlorine, Res. ()
COD ()	Color (ADMI) ()
Conductivity ()	Color (Pt-Co) ()
Dissolved Oxygen ()	Cyanide ()
Hardness ()	Fluoride ()
Moisture % ()	Iodine ()
Nitrite ()	Nitrate ()
Oil + Grease ()	Nitrate + Nitrite ()
Phenol ()	pH ().....
Phosphorus, Total ()	Phosphate, Ortho ()
Sett. Solids mg/L ()	Sett. Solids mL/L ()
Sulfate ()	Solids, Total ()
Sulfite ()	Sulfide ()
TDS ()	Surfactant ()
Temperature ().....	TSS ()
TOC ()	TKN ()
Asbestos in air ()	Turbidity ()

Relinquished by:

Yancy Leferia
Date/Time: *9/25/95 1:15p-M*

Received by:

V. Castro
Date/Time: *9-25-95 1:15pm*

Relinquished by:

V. Castro
Date/Time: *9-25-95 3:30pm*

Received by:

M. Vidal
Date/Time: *9/26/95 8:00 AM*

Matrix:

air ()
water ()
sludge ()
soil ()
solid ()
oil ()
mixed (x)
other () Specify: _____

Turnaround time:

1 day ()
2 days ()
3 days ()
5 days ()

Note:

normal turnaround time is ten (10) working days; additional charges apply for rush orders

Sample type legend:

grab samples x
composite samples xx

2. Metals

Aluminum (Al) ()	Cadmium (Cd) ()
Chromium (Cr) ()	Copper (Cu) ()
Iron (Fe) ()	Lead (Pb) ()
Manganese (Mn) ()	Mercury (Hg) ()
Nickel (Ni) ()	Selenium (Se) ()
Silver (Ag) ()	Tin (Sn) ()
Zinc (Zn) ()	Arsenic (As) ()
Barium (Ba) ()	Boron (B) ()
Antimony (Sb) ()	Beryllium (Be) ()
Bismuth (Bi) ()	Calcium (Ca) ()
Chromium, VI (CrVI) ()	Cobalt (Co) ()
Magnesium (Mg) ()	Molybdenum (Mo) ()
Potassium (K) ()	Silicon (Si) ()
Sodium (Na) ()	Strontium (Sr) ()
Thallium (Tl) ()	Titanium (Ti) ()
Vanadium (V) ()	

3. RCRA/Hazardous wastes

Ignitability (Flash Pt.) ()	Corrosivity ()
Reactivity (CN & S) ()	TCLP (x) <i>benzene</i>
RCRA Metals ()	Organics-Pest/Herb ()
Organics-BNA ()	Organics-VOA ()
TOX ()	

4. Specific Organics

Volatiles ()	Semi-Volatiles (BNA) ()
Pesticides/PCB's ()	PCB's Only ()
Herbicides ()	TPH/Diesel (TPH/D) ()
BTEX ()	TTO ()
TTO & Dioxin ()	OTHER (Specify) _____ ()

5. Microbiology

Fecal Coliform ()	Total Coliform ()
--------------------	--------------------

Comments: _____

BECKTON ENVIRONMENTAL LABORATORIES

192 Villa Street ♦ Ponce, PR 00731

Tel.: 809-841-7373 ♦ Fax.: 809-841-7313

Original

GE_CARIBE001850

PROCEDURE FOR FILLING CHAIN OF CUSTODY FORM

[Ref.: Beckton's Environmental Laboratories SOP Number 5.0 adopted on May 24, 1995]

Scope And Application

This procedure is necessary to insure the validity of the data. Due to the evidentiary nature of samples collected during enforcement investigations, possession must be traceable from the time the samples are collected until they are introduced as evidence in legal proceedings.

Definition

According to the USEPA Office of Enforcement and Compliance Monitoring National Enforcement Investigation Center (NEIC) Policies and Procedures, May 1978 and revised on May 1986, a sample is under custody if:

1. it is in your possession, or
2. it is in your view, after being in your possession, or
3. it was in your possession and you locked it up, or
4. it is in a designated secure area.

Possession must be traceable from the time the samples are collected until they are finally disposed.

Procedure for filling chain-of-custody forms

Chain of custody shall be completed using black waterproof ink. The information recorded should include:

Project Number:	A number given to the project, optional.
Company:	The name of the Company. If there are companies with the same name, specify the city (place). Site where samples are obtained or specific project for which samples are collected.
Sampler:	Each sampler is identified.
BEL ID Number:	Laboratory Identification Number unique for each sample and assigned by Beckton.
Control No.:	A number assigned by Beckton for the purpose of sample tracking and invoicing. Customers will utilize this number for determining status of samples.
Date:	A six digit number indicating day of collection, month and the year.
Time:	A four digit number indicating time of collection; military time must be preferably employed. AM and PM should be stated in case normal time is employed.
Sample matrix:	Check appropriate space for the following sample matrix: water; solid; air; sludge, soil, solid, mixed waste, or other. In the event other is selected specify the sample matrix.
Sample type:	Write either an "x" or "xx" in the corresponding space next to the parameter. Sample types: xx- composite; x- grab.
Comments:	Sampler should specify field observations or abnormal conditions. For example: If split, trip blanks, field blanks or duplicate samples were taken.
Analysis:	Each parameter to be analyzed should be marked with an "X" or "XX"
Relinquished and received by:	When transferring the possession of samples the individuals relinquishing and receiving will sign, date, and note the time. This record documents sample custody transfer from the sampler, often through another person, to the laboratory. Each signature should be legible. If not legible, print name above signature.

- Note:
- (1) The field sampler is personally responsible for the care and custody of samples collected. As few people as possible should handle samples. When in-site measurement are made, the data are recorded directly in the chain-of-custody. For example: pH, temperature, dissolved oxygen, residual chlorine and flow measurements. If errors are made when completing any of these forms, the error must be crossed out with a single line and initialed and dated by the sampler.
 - (2) Beckton Environmental Laboratories follows SOP's for sampling, preservation and handling of samples. These procedures are of utmost importance if test values are representative of the source sample. Correct analytical methods are always employed.
 - (3) If a sample is found to be toxic (as per appropriate RCRA regulation) it will be returned to the client for proper disposal.
 - (4) The following preservatives must be always employed:
Refrigeration, 4°C for all samples; HNO₃ for trace metals, hardness and radioactivity; NaOH for cyanides; H₂SO₄ for phenolics, ammonia nitrogen, TKN, oil & grease, and phosphorus; Zn Acetate for sulfides. Other parameters are preserved as per appropriate SOP.

U.S. Environmental Protection Agency. NPDES Compliance Evaluation Inspection (MCD-75) Manual, Enforcement Division Office of Water Enforcement, Compliance Branch, Enforcement Division (EN-338), Washington, D.C. EPA January, 1981.

Florida Department of Environmental Protection, Comprehensive QA/QC, 1992.

CHAIN OF CUSTODY RECORD

PROJECT NO.	COMPANY <i>GE Juana Dias</i>	SAMPLER <i>V. Castro</i>		
SAMPLE LOCATION/CLIENT ID	<i>drum # 3</i>	TIME	<i>12:10pm</i>	CONTROL NO.
SAMPLE DATE	<i>9-25-95</i>	BEL. NO.	<i>14510</i>	<i>669</i>

1. General Environmental:

Acidity ()	Alkalinity ()
Ammonia as N ()	Bicarbonate ()
BOD-5 ()	Bromide ()
Chloride ()	Chlorine, Res. ()
COD ()	Color (ADMI) ()
Conductivity ()	Color (Pt-Co) ()
Dissolved Oxygen ()	Cyanide ()
Hardness ()	Fluoride ()
Moisture % ()	Iodine ()
Nitrite ()	Nitrate ()
Oil + Grease ()	Nitrate + Nitrite ()
Phenol ()	pH ().....
Phosphorus, Total ()	Phosphate, Ortho ()
Sett. Solids mg/L ()	Sett. Solids mL/L ()
Sulfate ()	Solids, Total ()
Sulfite ()	Sulfide ()
TDS ()	Surfactant ()
Temperature ().....	TSS ()
TOC ()	TKN ()
Asbestos in air ()	Turbidity ()

Relinquished by:

*Yancy Lefuria*Date/Time: *9/25/95 1:15 p.m.*

Received by:

*Vito Castro*Date/Time: *9-25-95 1:15pm*

Relinquished by:

*Vito Castro*Date/Time: *9-25-95 3:30pm*

Received by:

*M. Vidal*Date/Time: *9/26/95 8:00AM*

Matrix:

air	()
water	()
sludge	()
soil	()
solid	()
oil	()
mixed	(X)
other	() Specify: _____

Turnaround time:

1 day	()
2 days	()
3 days	()
5 days	()

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders

2. Metals

Aluminum (Al) ()	Cadmium (Cd) ()
Chromium (Cr) ()	Copper (Cu) ()
Iron (Fe) ()	Lead (Pb) ()
Manganese (Mn) ()	Mercury (Hg) ()
Nickel (Ni) ()	Selenium (Se) ()
Silver (Ag) ()	Tin (Sn) ()
Zinc (Zn) ()	Arsenic (As) ()
Barium (Ba) ()	Boron (B) ()
Antimony (Sb) ()	Beryllium (Be) ()
Bismuth (Bi) ()	Calcium (Ca) ()
Chromium, VI (CrVI) ()	Cobalt (Co) ()
Magnesium (Mg) ()	Molybdenum (Mo) ()
Potassium (K) ()	Silicon (Si) ()
Sodium (Na) ()	Strontium (Sr) ()
Thallium (Tl) ()	Titanium (Ti) ()
Vanadium (V) ()	

3. RCRA/Hazardous wastes

Ignitability (Flash Pt.) ()	Corrosivity ()
Reactivity (CN & S) ()	TCLP (X) <i>benzene</i>
RCRA Metals ()	Organics-Pest/Herb ()
Organics-BNA ()	Organics-VOA ()
TOX ()	

4. Specific Organics

Volatiles ()	Semi-Volatiles (BNA) ()
Pesticides/PCB's ()	PCB's Only ()
Herbicides ()	TPH/Diesel (TPH/D) ()
BTEX ()	TTO ()
TTO & Dioxin ()	OTHER (Specifv) _____ ()

5. Microbiology

Fecal Coliform ()	Total Coliform ()
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Comments: _____

BECKTON ENVIRONMENTAL LABORATORIES

192 Villa Street ♦ Ponce, PR 00731

Tel.: 809-841-7373 ♦ Fax.: 809-841-7313

Original

GE_CARIBE001852

PROCEDURE FOR FILLING CHAIN OF CUSTODY FORM

[Ref.: Beckton's Environmental Laboratories SOP Number 5.0 adopted on May 24, 1995]

Scope And Application

This procedure is necessary to insure the validity of the data. Due to the evidentiary nature of samples collected during enforcement investigations, possession must be traceable from the time the samples are collected until they are introduced as evidence in legal proceedings.

Definition

According to the USEPA Office of Enforcement and Compliance Monitoring National Enforcement Investigation Center (NEIC) Policies and Procedures, May 1978 and revised on May 1986, a sample is under custody if:

1. it is in your possession, or
2. it is in your view, after being in your possession, or
3. it was in your possession and you locked it up, or
4. it is in a designated secure area.

Possession must be traceable from the time the samples are collected until they are finally disposed.

Procedure for filling chain-of-custody forms

Chain of custody shall be completed using black waterproof ink. The information recorded should include:

Project Number:	A number given to the project, optional.
Company:	The name of the Company. If there are companies with the same name, specify the city (place). Site where samples are obtained or specific project for which samples are collected.
Sampler:	Each sampler is identified.
BEL ID Number:	Laboratory Identification Number unique for each sample and assigned by Beckton.
Control No.:	A number assigned by Beckton for the purpose of sample tracking and invoicing. Customers will utilize this number for determining status of samples.
Date:	A six digit number indicating day of collection, month and the year.
Time:	A four digit number indicating time of collection; military time must be preferably employed. AM and PM should be stated in case normal time is employed.
Sample matrix:	Check appropriate space for the following sample matrix: water; solid; air; sludge, soil, solid, mixed waste, or other. In the event other is selected specify the sample matrix.
Sample type:	Write either an "x" or "xx" in the corresponding space next to the parameter. Sample types: xx- composite; x- grab.
Comments:	Sampler should specify field observations or abnormal conditions. For example: If spilt, trip blanks, field blanks or duplicates samples were taken.
Analysis:	Each parameter to be analyzed should be marked with an "X" or "XX"
Relinquished and received by:	When transferring the possession of samples the individuals relinquishing and receiving will sign, date, and note the time. This record documents sample custody transfer from the sampler, often through another person, to the laboratory. Each signature should be legible. If not legible, print name above signature.

- Note:**
- (1) The field sampler is personally responsible for the care and custody of samples collected. As few people as possible should handle samples. When in-site measurement are made, the data are recorded directly in the chain-of-custody. For example: pH, temperature, dissolved oxygen, residual chlorine and flow measurements. If errors are made when completing any of these forms, the error must be crossed out with a single line and initialed and dated by the sampler.
 - (2) Beckton Environmental Laboratories follows SOP's for sampling, preservation and handling of samples. These procedures are of utmost importance if test values are representative of the source sample. Correct analytical methods are always employed.
 - (3) If a sample is found to be toxic (as per appropriate RCRA regulation) it will be returned to the client for proper disposal.
 - (4) The following preservatives must be always employed:
Refrigeration, 4°C for all samples; HNO₃ for trace metals, hardness and radioactivity; NaOH for cyanides; H₂SO₄ for phenolics, ammonia nitrogen, TKN, oil & grease, and phosphorus; Zn Acetate for sulfides. Other parameters are preserved as per appropriate SOP.

U.S. Environmental Protection Agency. NPDES Compliance Evaluation Inspection (MCD-75) Manual, Enforcement Division Office of Water Enforcement, Compliance Branch, Enforcement Division (EN-338), Washington, D.C. EPA January, 1981.

Florida Department of Environmental Protection, Comprehensive QA/QC, 1992.

CHAIN OF CUSTODY RECORD

PROJECT NO.	COMPANY <i>GE Juana Reyes</i>	SAMPLER <i>V. Castro</i>		
SAMPLE LOCATION/CLIENT ID	<i>drum #4</i>	TIME	<i>12:15 PM</i>	CONTROL NO.
SAMPLE DATE	<i>9-25-95</i>	BEL. NO.	<i>14511</i>	<i>670</i>

1. General Environmental:

Acidity ()	Alkalinity ()
Ammonia as N ()	Bicarbonate ()
BOD-5 ()	Bromide ()
Chloride ()	Chlorine, Res. ()
COD ()	Color (ADMI) ()
Conductivity ()	Color (Pt-Co) ()
Dissolved Oxygen ()	Cyanide ()
Hardness ()	Fluoride ()
Moisture % ()	Iodine ()
Nitrite ()	Nitrate ()
Oil + Grease ()	Nitrate + Nitrite ()
Phenol ()	pH ().....
Phosphorus, Total ()	Phosphate, Ortho ()
Sett. Solids mg/L ()	Sett. Solids mL/L ()
Sulfate ()	Solids, Total ()
Sulfite ()	Sulfide ()
TDS ()	Surfactant ()
Temperature ().....	TSS ()
TOC ()	TKN ()
Asbestos in air ()	Turbidity ()

Relinquished by:

*Yancy Sepira*Date/Time: *9/25/95 1:15 p.m.*

Received by:

*Vito Castro*Date/Time: *9-25-95 1:15 PM*

Relinquished by:

*Vito Castro*Date/Time: *9-25-95 3:30 PM*

Received by:

*M. Vidal*Date/Time: *9/26/95 8:00 AM*

2. Metals

Aluminum (Al) ()	Cadmium (Cd) ()
Chromium (Cr) ()	Copper (Cu) ()
Iron (Fe) ()	Lead (Pb) ()
Manganese (Mn) ()	Mercury (Hg) ()
Nickel (Ni) ()	Selenium (Se) ()
Silver (Ag) ()	Tin (Sn) ()
Zinc (Zn) ()	Arsenic (As) ()
Barium (Ba) ()	Boron (B) ()
Antimony (Sb) ()	Beryllium (Be) ()
Bismuth (Bi) ()	Calcium (Ca) ()
Chromium, VI (CrVI) ()	Cobalt (Co) ()
Magnesium (Mg) ()	Molybdenum (Mo) ()
Potassium (K) ()	Silicon (Si) ()
Sodium (Na) ()	Strontium (Sr) ()
Thallium (Tl) ()	Titanium (Ti) ()
Vanadium (V) ()	

Matrix:

air	()
water	()
sludge	()
soil	()
solid	()
oil	()
mixed	(x)
other	() Specify: _____

Turnaround time:

1 day	()
2 days	()
3 days	()
5 days	()

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders

3. RCRA/Hazardous wastes

Ignitability (Flash Pt.) ()	Corrosivity ()
Reactivity (CN & S) ()	TCLP (x) <i>benzene</i>
RCRA Metals ()	Organics-Pest/Herb ()
Organics-BNA ()	Organics-VOA ()
TOX ()	

4. Specific Organics

Volatiles ()	Semi-Volatiles (BNA) ()
Pesticides/PCB's ()	PCB's Only ()
Herbicides ()	TPH/Diesel (TPH/D) ()
BTEX ()	TTO ()
TTO & Dioxin ()	OTHER (Specify) _____ ()

Sample type legend:

grab samples	x
composite samples	xx

5. Microbiology

Fecal Coliform ()	Total Coliform ()
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Comments: _____

BECKTON ENVIRONMENTAL LABORATORIES

192 Villa Street ♦ Ponce, PR 00731

Tel.: 809-841-7373 ♦ Fax.: 809-841-7313

Original

GE_CARIBE001854

PROCEDURE FOR FILLING CHAIN OF CUSTODY FORM

[Ref.: Beckton's Environmental Laboratories SOP Number 5.0 adopted on May 24, 1995]

Scope And Application

This procedure is necessary to insure the validity of the data. Due to the evidentiary nature of samples collected during enforcement investigations, possession must be traceable from the time the samples are collected until they are introduced as evidence in legal proceedings.

Definition

According to the USEPA Office of Enforcement and Compliance Monitoring National Enforcement Investigation Center (NEIC) Policies and Procedures, May 1978 and revised on May 1986, a sample is under custody if:

1. it is in your possession, or
2. it is in your view, after being in your possession, or
3. it was in your possession and you locked it up, or
4. it is in a designated secure area.

Possession must be traceable from the time the samples are collected until they are finally disposed.

Procedure for filling chain-of-custody forms

Chain of custody shall be completed using black waterproof ink. The information recorded should include:

Project Number:	A number given to the project, optional.
Company:	The name of the Company. If there are companies with the same name, specify the city (place). Site where samples are obtained or specific project for which samples are collected.
Sampler:	Each sampler is identified.
BEL ID Number:	Laboratory Identification Number unique for each sample and assigned by Beckton.
Control No.:	A number assigned by Beckton for the purpose of sample tracking and invoicing. Customers will utilize this number for determining status of samples.
Date:	A six digit number indicating day of collection, month and the year.
Time:	A four digit number indicating time of collection; military time must be preferably employed. AM and PM should be stated in case normal time is employed.
Sample matrix:	Check appropriate space for the following sample matrix: water; solid; air; sludge, soil, solid, mixed waste, or other. In the event other is selected specify the sample matrix.
Sample type:	Write either an "x" or "xx" in the corresponding space next to the parameter. Sample types: xx- composite; x- grab.
Comments:	Sampler should specify field observations or abnormal conditions. For example: If spilt, trip blanks, field blanks or duplicate samples were taken.
Analysis:	Each parameter to be analyzed should be marked with an "X" or "XX"
Relinquished and received by:	When transferring the possession of samples the individuals relinquishing and receiving will sign, date, and note the time. This record documents sample custody transfer from the sampler, often through another person, to the laboratory. Each signature should be legible. If not legible, print name above signature.

- Note:
- (1) The field sampler is personally responsible for the care and custody of samples collected. As few people as possible should handle samples. When in-site measurement are made, the data are recorded directly in the chain-of-custody. For example: pH, temperature, dissolved oxygen, residual chlorine and flow measurements. If errors are made when completing any of these forms, the error must be crossed out with a single line and initialed and dated by the sampler.
 - (2) Beckton Environmental Laboratories follows SOP's for sampling, preservation and handling of samples. These procedures are of utmost importance if test values are representative of the source sample. Correct analytical methods are always employed.
 - (3) If a sample is found to be toxic (as per appropriate RCRA regulation) it will be returned to the client for proper disposal.
 - (4) The following preservatives must be always employed:
Refrigeration, 4°C for all samples; HNO₃ for trace metals, hardness and radioactivity; NaOH for cyanides; H₂SO₄ for phenolics, ammonia nitrogen, TKN, oil & grease, and phosphorus; Zn Acetate for sulfides. Other parameters are preserved as per appropriate SOP.

U.S. Environmental Protection Agency. NPDES Compliance Evaluation Inspection (MCD-75) Manual, Enforcement Division Office of Water Enforcement, Compliance Branch, Enforcement Division (EN-338), Washington, D.C. EPA January, 1981.

Florida Department of Environmental Protection, Comprehensive QA/QC, 1992.

CHAIN OF CUSTODY RECORD

PROJECT NO.	COMPANY <u>GE Juana Diaz</u>	SAMPLER <u>V. Castro</u>
SAMPLE LOCATION/CLIENT ID	<u>Used Solent</u>	TIME <u>12:25pm</u>
SAMPLE DATE	<u>9-25-95</u>	BEL. NO. <u>14506</u>
		CONTROL NO. <u>672</u>

1. General Environmental:

Acidity ()	Alkalinity ()
Ammonia as N ()	Bicarbonate ()
BOD-5 ()	Bromide ()
Chloride ()	Chlorine, Res. ()
COD ()	Color (ADMI) ()
Conductivity ()	Color (Pt-Co) ()
Dissolved Oxygen ()	Cyanide ()
Hardness ()	Fluoride ()
Moisture % ()	Iodine ()
Nitrite ()	Nitrate ()
Oil + Grease ()	Nitrate + Nitrite ()
Phenol ()	pH ().....
Phosphorus, Total ()	Phosphate, Ortho ()
Sett. Solids mg/L ()	Sett. Solids mL/L ()
Sulfate ()	Solids, Total ()
Sulfite ()	Sulfide ()
TDS ()	Surfactant ()
Temperature ().....	TSS ()
TOC ()	TKN ()
Asbestos in air ()	Turbidity ()

Relinquished by:

Haney Lefina
Date/Time: 9/25/95 1:15 p.m.

Received by:

Victor Castro
Date/Time: 9-25-95 1:15 PM

Relinquished by:

Victor Castro
Date/Time: 9-25-95 3:30 PM

Received by:

M. Vidal
Date/Time: 9/26/95 8:00 AM

Matrix:

air ()
water ()
sludge ()
soil ()
solid ()
oil ()
mixed ()
other (x) Specify: coolant

Turnaround time:

1 day ()
2 days ()
3 days ()
5 days ()

Note:

normal turnaround time is ten (10) working days; additional charges apply for rush orders

Sample type legend:

grab samples x
composite samples xx

2. Metals

Aluminum (Al) ()	Cadmium (Cd) ()
Chromium (Cr) ()	Copper (Cu) ()
Iron (Fe) ()	Lead (Pb) ()
Manganese (Mn) ()	Mercury (Hg) ()
Nickel (Ni) ()	Selenium (Se) ()
Silver (Ag) ()	Tin (Sn) ()
Zinc (Zn) ()	Arsenic (As) ()
Barium (Ba) ()	Boron (B) ()
Antimony (Sb) ()	Beryllium (Be) ()
Bismuth (Bi) ()	Calcium (Ca) ()
Chromium, VI (CrVI) ()	Cobalt (Co) ()
Magnesium (Mg) ()	Molybdenum (Mo) ()
Potassium (K) ()	Silicon (Si) ()
Sodium (Na) ()	Strontium (Sr) ()
Thallium (Tl) ()	Titanium (Ti) ()
Vanadium (V) ()	

3. RCRA/Hazardous wastes

Ignitability (Flash Pt.) ()	Corrosivity ()
Reactivity (CN & S) ()	TCLP ()
RCRA Metals (x)	Organics-Pest/Herb ()
Organics-BNA ()	Organics-VOA ()
TOX ()	

4. Specific Organics

Volatiles ()	Semi-Volatiles (BNA) ()
Pesticides/PCB's ()	PCB's Only ()
Herbicides ()	TPH/Diesel (TPH/D) ()
BTEX ()	TTO ()
TTO & Dioxin ()	OTHER (Specify) ()

5. Microbiology

Fecal Coliform ()	Total Coliform ()
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Comments:

BECKTON ENVIRONMENTAL LABORATORIES

192 Villa Street ♦ Ponce, PR 00731

Tel.: 809-841-7373 ♦ Fax.: 809-841-7313

Original

GE_CARIBE001856

PROCEDURE FOR FILLING CHAIN OF CUSTODY FORM

[Ref.: Beckton's Environmental Laboratories SOP Number 5.0 adopted on May 24, 1995]

Scope And Application

This procedure is necessary to insure the validity of the data. Due to the evidentiary nature of samples collected during enforcement investigations, possession must be traceable from the time the samples are collected until they are introduced as evidence in legal proceedings.

Definition

According to the USEPA Office of Enforcement and Compliance Monitoring National Enforcement Investigation Center (NEIC) Policies and Procedures, May 1978 and revised on May 1986, a sample is under custody if:

1. it is in your possession, or
2. it is in your view, after being in your possession, or
3. it was in your possession and you locked it up, or
4. it is in a designated secure area.

Possession must be traceable from the time the samples are collected until they are finally disposed.

Procedure for filling chain-of-custody forms

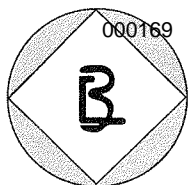
Chain of custody shall be completed using black waterproof ink. The information recorded should include:

Project Number:	A number given to the project, optional.
Company:	The name of the Company. If there are companies with the same name, specify the city (place). Site where samples are obtained or specific project for which samples are collected.
Sampler:	Each sampler is identified.
BEL ID Number:	Laboratory Identification Number unique for each sample and assigned by Beckton.
Control No.:	A number assigned by Beckton for the purpose of sample tracking and invoicing. Customers will utilize this number for determining status of samples.
Date:	A six digit number indicating day of collection, month and the year.
Time:	A four digit number indicating time of collection; military time must be preferably employed. AM and PM should be stated in case normal time is employed.
Sample matrix:	Check appropriate space for the following sample matrix: water; solid; air; sludge, soil, solid, mixed waste, or other. In the event other is selected specify the sample matrix.
Sample type:	Write either an "x" or "xx" in the corresponding space next to the parameter. Sample types: xx- composite; x- grab.
Comments:	Sampler should specify field observations or abnormal conditions. For example: If split, trip blanks, field blanks or duplicate samples were taken.
Analysis:	Each parameter to be analyzed should be marked with an "X" or "XX"
Relinquished and received by:	When transferring the possession of samples the individuals relinquishing and receiving will sign, date, and note the time. This record documents sample custody transfer from the sampler, often through another person, to the laboratory. Each signature should be legible. If not legible, print name above signature.

- Note:
- (1) The field sampler is personally responsible for the care and custody of samples collected. As few people as possible should handle samples. When in-site measurement are made, the data are recorded directly in the chain-of-custody. For example: pH, temperature, dissolved oxygen, residual chlorine and flow measurements. If errors are made when completing any of these forms, the error must be crossed out with a single line and initialed and dated by the sampler.
 - (2) Beckton Environmental Laboratories follows SOP's for sampling, preservation and handling of samples. These procedures are of utmost importance if test values are representative of the source sample. Correct analytical methods are always employed.
 - (3) If a sample is found to be toxic (as per appropriate RCRA regulation) it will be returned to the client for proper disposal.
 - (4) The following preservatives must be always employed:
Refrigeration, 4°C for all samples; HNO₃ for trace metals, hardness and radioactivity; NaOH for cyanides; H₂SO₄ for phenolics, ammonia nitrogen, TKN, oil & grease, and phosphorus; Zn Acetate for sulfides. Other parameters are preserved as per appropriate SOP.

U.S. Environmental Protection Agency. NPDES Compliance Evaluation Inspection (MCD-75) Manual, Enforcement Division Office of Water Enforcement, Compliance Branch, Enforcement Division (EN-338), Washington, D.C. EPA January, 1981.

Florida Department of Environmental Protection, Comprehensive QA/QC, 1992.



BECKTON ENVIRONMENTAL
LABORATORIES, INC.

October 13, 1995

ANALYSIS REPORT

SAMPLE IDENTIFICATION: Used Coolant
G.E., Fab. (Juana Díaz)

Att.: Nancy Texeira

Lab Name: Beckton Environmental Laboratories

Sampler: V. Castro

Matrix: Liquid

Lab. sample ID: BEL-14506

Sample wt/vol: 1000/_5.0 (g/mL) mL

Lab. File ID: 14506TCL

Column: (pack/cap) capillary

Date Received: 09/25/95


Date Analyzed: 10/04/95

MAXIMUM CONCENTRATION OF CONTAMINANTS
FOR CHARACTERISTIC OF TCLP TOXICITY

EPA HAZARDOUS WASTE NUMBER	CONTAMINANT	RESULTS (mg/L)	DETECTION LIMIT (mg/L)	REGULATORY LEVEL (mg/L)
METALS (SW-846 7000's)				
D004	Arsenic	N.D.	0.005	5.0
D005	Barium	N.D.	0.30	100.0
D006	Cadmium	N.D.	0.01	1.0
D007	Chromium	N.D.	0.05	5.0
D008	Lead	N.D.	0.10	5.0
D009	Mercury	N.D.	0.0005	0.2
D010	Selenium	N.D.	0.005	1.0
D011	Silver	N.D.	0.020	5.0

Certification and release of the data contained in this Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee.

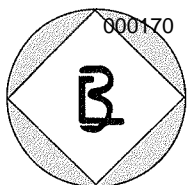

Lcda. Eulalia Medina
Chemist
Chemist License 3901



192 VILLA STREET
PONCE, P.R. 00731

TEL. (809) 841-7373
FAX (809) 841-7313

GE_CARIBE001858



BECKTON ENVIRONMENTAL
LABORATORIES, INC.

November 10, 1995

ANALYSIS REPORT

SAMPLE IDENTIFICATION: Used Coolant
G.E., Fab. (Juana Díaz)

Att.: Nancy Texeira

Lab Name: Beckton Environmental Laboratories

Sampler: V. Castro

Matrix: Liquid

Lab. sample ID: BEL-14506

Sample wt/vol: 60 (g/mL) mL

Lab. File ID: 14506TCL

Column: (pack/cap) capillary

Date Received: 09/25/95

Date Analyzed: 11/09/95

HAZARDOUS CHARACTERISTICS

IGNITABILITY: Hazardous Waste Number D 001

The sample does NOT exhibit the characteristic of ignitability according to the U.S. Environmental Protection Agency, Manual SW 846, "Test Methods for Evaluating Solid Wastes".

Flash point >1400 F

CORROSITIVITY: Hazardous Wastes Number D 002

The sample does not exhibit the characteristic of corrosivity according to the U.S. Environmental Protection Agency, Manual SW 846, "Test Methods for Evaluating Solid Wastes".

The pH of the sample was 4.38 S.U. @ 120C.

Note: Sample analyzed after holding time limit at the request of the client.

Certification and release of the data contained in this Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee.


Lcdo. Rafael Infante Méndez
Laboratory Director
Chemist License 1888


192 VILLA STREET
PONCE, P.R. 00731

TEL. (809) 841-7373
FAX (809) 841-7313

GE_CARIBE001859

CHAIN OF CUSTODY RECORD

PROJECT NO.	COMPANY <u>Dr. Juana Diaz</u>	SAMPLER <u>V. Castro</u>		
SAMPLE LOCATION/CLIENT ID	<u>Along tower sludge</u>	TIME	<u>8:40 AM</u>	CONTROL NO. <u>727</u>
SAMPLE DATE	<u>8-31-95</u>	BEL. NO.		

1. General Environmental:

Acidity	()	Alkalinity	()
Ammonia as N	()	Bicarbonate	()
BOD-5	()	Bromide	()
Chloride	()	Chlorine, Res.	()
COD	()	Color (ADMI)	()
Conductivity	()	Color (Pt-Co)	()
Dissolved Oxygen	()	Cyanide	()
Hardness	()	Fluoride	()
Moisture %	()	Iodine	()
Nitrite	()	Nitrate	()
Oil + Grease	()	Nitrate + Nitrite	()
Phenol	()	pH	().....
Phosphorus, Total	()	Phosphate, Ortho	()
Sett. Solids mg/L	()	Sett. Solids mL/L	()
Sulfate	()	Solids, Total	()
Sulfite	()	Sulfide	()
TDS	()	Surfactant	()
Temperature	().....	TSS	()
TOC	()	TKN	()
Asbestos in air	()	Turbidity	()

Relinquished by:

Nancy Lefira
Date/Time: 8-31-95 9:00 a.m.

Received by:

Victor Castro
Date/Time: 8-31-95 9:00 AM

Relinquished by:

Date/Time: _____

Received by:

Date/Time: _____

2. Metals

Aluminum	(Al)	()	Cadmium	(Cd)	()
Chromium	(Cr)	()	Copper	(Cu)	()
Iron	(Fe)	()	Lead	(Pb)	()
Manganese	(Mn)	()	Mercury	(Hg)	()
Nickel	(Ni)	()	Selenium	(Se)	()
Silver	(Ag)	()	Tin	(Sn)	()
Zinc	(Zn)	()	Arsenic	(As)	()
Barium	(Ba)	()	Boron	(B)	()
Antimony	(Sb)	()	Beryllium	(Be)	()
Bismuth	(Bi)	()	Calcium	(Ca)	()
Chromium, VI	(CrVI)	()	Cobalt	(Co)	()
Magnesium	(Mg)	()	Molybdenum	(Mo)	()
Potassium	(K)	()	Silicon	(Si)	()
Sodium	(Na)	()	Strontium	(Sr)	()
Thallium	(Tl)	()	Titanium	(Ti)	()
Vanadium	(V)	()			

Date/Time: _____

Matrix:

air ()
water ()
sludge ()
soil (X)
solid ()
oil ()
mixed ()
other () Specify: _____

Turnaround time:

1 day ()
2 days ()
3 days ()
5 days ()

Note:

normal turnaround time is ten (10) working days; additional charges apply for rush orders

3. RCRA/Hazardous wastes

Ignitability (Flash Pt.)	()	Corrosivity	()
Reactivity (CN & S)	()	TCLP	()
RCRA Metals	()	Organics-Pest/Herb	()
Organics-BNA	()	Organics-VOA	()
TOX	()		

4. Specific Organics

Volatiles	()	Semi-Volatiles (BNA)	()
Pesticides/PCB's	()	PCB's Only	()
Herbicides	()	TPH/Diesel (TPH/D)	()
BTEX	()	TTO	()
TTO & Dioxin	()	OTHER (Specify) _____	()

Sample type legend:

grab samples x
composite samples xx

5. Microbiology

Fecal Coliform	()	Total Coliform	()
----------------	-----	----------------	-----

Comments:

TCLP AS, Ba

BECKTON ENVIRONMENTAL LABORATORIES

192 Villa Street ♦ Ponce, PR 00731

Tel.: 809-841-7373 ♦ Fax.: 809-841-7313

PROCEDURE FOR FILLING CHAIN OF CUSTODY FORM

[Ref.: Beckton's Environmental Laboratories SOP Number 5.0 adopted on May 24, 1995]

Scope And Application

This procedure is necessary to insure the validity of the data. Due to the evidentiary nature of samples collected during enforcement investigations, possession must be traceable from the time the samples are collected until they are introduced as evidence in legal proceedings.

Definition

According to the USEPA Office of Enforcement and Compliance Monitoring National Enforcement Investigation Center (NEIC) Policies and Procedures, May 1978 and revised on May 1986, a sample is under custody if:

1. it is in your possession, or
2. it is in your view, after being in your possession, or
3. it was in your possession and you locked it up, or
4. it is in a designated secure area.

Possession must be traceable from the time the samples are collected until they are finally disposed.

Procedure for filling chain-of-custody forms

Chain of custody shall be completed using black waterproof ink. The information recorded should include:

Project Number:	A number given to the project, optional.
Company:	The name of the Company. If there are companies with the same name, specify the city (place). Site where samples are obtained or specific project for which samples are collected.
Sampler:	Each sampler is identified.
BEL ID Number:	Laboratory Identification Number unique for each sample and assigned by Beckton.
Control No.:	A number assigned by Beckton for the purpose of sample tracking and invoicing. Customers will utilize this number for determining status of samples.
Date:	A six digit number indicating day of collection, month and the year.
Time:	A four digit number indicating time of collection; military time must be preferably employed. AM and PM should be stated in case normal time is employed.
Sample matrix:	Check appropriate space for the following sample matrix: water; solid; air; sludge, soil, solid, mixed waste, or other. In the event other is selected specify the sample matrix.
Sample type:	Write either an "x" or "xx" in the corresponding space next to the parameter. Sample types: xx- composite; x- grab.
Comments:	Sampler should specify field observations or abnormal conditions. For example: If spilt, trip blanks, field blanks or duplicate samples were taken.
Analysis:	Each parameter to be analyzed should be marked with an "X" or "XX"
Relinquished and received by:	When transferring the possession of samples the individuals relinquishing and receiving will sign, date, and note the time. This record documents sample custody transfer from the sampler, often through another person, to the laboratory. Each signature should be legible. If not legible, print name above signature.

- Note:
- (1) The field sampler is personally responsible for the care and custody of samples collected. As few people as possible should handle samples. When in-site measurement are made, the data are recorded directly in the chain-of-custody. For example: pH, temperature, dissolved oxygen, residual chlorine and flow measurements. If errors are made when completing any of these forms, the error must be crossed out with a single line and initialed and dated by the sampler.
 - (2) Beckton Environmental Laboratories follows SOP's for sampling, preservation and handling of samples. These procedures are of utmost importance if test values are representative of the source sample. Correct analytical methods are always employed.
 - (3) If a sample is found to be toxic (as per appropriate RCRA regulation) it will be returned to the client for proper disposal.
 - (4) The following preservatives must be always employed:
Refrigeration, 4°C for all samples; HNO₃ for trace metals, hardness and radioactivity; NaOH for cyanides; H₂SO₄ for phenolics, ammonia nitrogen, TKN, oil & grease, and phosphorus; Zn Acetate for sulfides. Other parameters are preserved as per appropriate SOP.

U.S. Environmental Protection Agency. NPDES Compliance Evaluation Inspection (MCD-75) Manual, Enforcement Division Office of Water Enforcement, Compliance Branch, Enforcement Division (EN-338), Washington, D.C. EPA January, 1981.

Florida Department of Environmental Protection, Comprehensive QA/QC, 1992.

***** -IND. XMT JOURNAL- ***** DATE SEP-08-1995 ***** TIME 16:29 *****

DATE/TIME = SEP-08-1995 16:25
JOURNAL No. = 10
COMM.RESULT = OK
PAGE(S) = 001/001
DURATION = 00:00'38
FILE No. = 187
MODE = MEMORY TRANSMISSION
DESTINATION = 98411078
RECEIVED ID = /
RESOLUTION = STD

-CARIBE GENERAL ELECTRIC -

***** -JUANA DIAZ P.R. - ***** 809 837 3230- *****

CHAIN OF CUSTODY RECORD

PROJECT NO.	COMPANY <i>EE. J. J. J. J.</i>	SAMPLER <i>V. Castro</i>		
SAMPLE LOCATION/CLIENT ID	<i>Compostación de lodo</i>	TIME	<i>8:35 AM</i>	CONTROL NO.
SAMPLE DATE	<i>8-31-75</i>	BEL. NO.		<i>728</i>

1. General Environmental:

Acidity ()	Alkalinity ()
Ammonia as N ()	Bicarbonate ()
BOD-5 ()	Bromide ()
Chloride ()	Chlorine, Res. ()
COD ()	Color (ADMI) ()
Conductivity ()	Color (Pt-Co) ()
Dissolved Oxygen ()	Cyanide ()
Hardness ()	Fluoride ()
Moisture % ()	Iodine ()
Nitrite ()	Nitrate ()
Oil+Grease ()	Nitrate + Nitrite ()
Phenol ()	pH ().....
Phosphorus, Total ()	Phosphate, Ortho ()
Sett. Solids mg/L ()	Sett. Solids mL/L ()
Sulfate ()	Solids, Total ()
Sulfite ()	Sulfide ()
TDS ()	Surfactant ()
Temperature ().....	TSS ()
TOC ()	TKN ()
Asbestos in air ()	Turbidity ()

Relinquished by:

Gray L. L. L.
Date/Time: *8-31-75 9:00 AM*

Received by:

Victor Castro
Date/Time: *8-31-75 9:00 AM*

Relinquished by:

Date/Time: _____

Received by:

Date/Time: _____

2. Metals

Aluminum (Al) ()	Cadmium (Cd) ()
Chromium (Cr) ()	Copper (Cu) ()
Iron (Fe) ()	Lead (Pb) ()
Manganese (Mn) ()	Mercury (Hg) ()
Nickel (Ni) ()	Selenium (Se) ()
Silver (Ag) ()	Tin (Sn) ()
Zinc (Zn) ()	Arsenic (As) ()
Barium (Ba) ()	Boron (B) ()
Antimony (Sb) ()	Beryllium (Be) ()
Bismuth (Bi) ()	Calcium (Ca) ()
Chromium, VI (CrVI) ()	Cobalt (Co) ()
Magnesium (Mg) ()	Molybdenum (Mo) ()
Potassium (K) ()	Silicon (Si) ()
Sodium (Na) ()	Strontium (Sr) ()
Thallium (Tl) ()	Titanium (Ti) ()
Vanadium (V) ()	

Date/Time: _____

Matrix:

air ()
water (X)
sludge ()
soil ()
solid ()
oil ()
mixed ()
other () Specify: _____

Turnaround time:

1 day ()
2 days ()
3 days ()
5 days ()

Note:

normal turnaround time is ten (10) working days; additional charges apply for rush orders

3. RCRA/Hazardous wastes

Ignitability (Flash Pt.) ()	Corrosivity ()
Reactivity (CN & S) ()	TCLP ()
RCRA Metals ()	Organics-Pest/Herb ()
Organics-BNA ()	Organics-VOA ()
TOX ()	

4. Specific Organics

Volatiles ()	Semi-Volatiles (BNA) ()
Pesticides/PCB's ()	PCB's Only ()
Herbicides ()	TPH/Diesel (TPH/D) ()
BTEX ()	TTO ()
TTO & Dioxin ()	OTHER (Specify) ()

Sample type legend:

grab samples x
composite samples xx

5. Microbiology

Fecal Coliform ()	Total Coliform ()
--------------------	--------------------

Comments: _____

BECKTON ENVIRONMENTAL LABORATORIES

192 Villa Street ♦ Ponce, PR 00731

Tel.: 809-841-7373 ♦ Fax.: 809-841-7313

PROCEDURE FOR FILLING CHAIN OF CUSTODY FORM

[Ref.: Beckton's Environmental Laboratories SOP Number 5.0 adopted on May 24, 1995]

Scope And Application

This procedure is necessary to insure the validity of the data. Due to the evidentiary nature of samples collected during enforcement investigations, possession must be traceable from the time the samples are collected until they are introduced as evidence in legal proceedings.

Definition

According to the USEPA Office of Enforcement and Compliance Monitoring National Enforcement Investigation Center (NEIC) Policies and Procedures, May 1978 and revised on May 1986, a sample is under custody if:

1. it is in your possession, or
2. it is in your view, after being in your possession, or
3. it was in your possession and you locked it up, or
4. it is in a designated secure area.

Possession must be traceable from the time the samples are collected until they are finally disposed.

Procedure for filling chain-of-custody forms

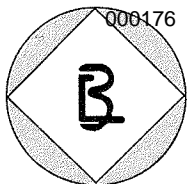
Chain of custody shall be completed using black waterproof ink. The information recorded should include:

Project Number:	A number given to the project, optional.
Company:	The name of the Company. If there are companies with the same name, specify the city (place). Site where samples are obtained or specific project for which samples are collected.
Sampler:	Each sampler is identified.
BEL ID Number:	Laboratory Identification Number unique for each sample and assigned by Beckton.
Control No.:	A number assigned by Beckton for the purpose of sample tracking and invoicing. Customers will utilize this number for determining status of samples.
Date:	A six digit number indicating day of collection, month and the year.
Time:	A four digit number indicating time of collection; military time must be preferably employed. AM and PM should be stated in case normal time is employed.
Sample matrix:	Check appropriate space for the following sample matrix: water; solid; air; sludge, soil, solid, mixed waste, or other. In the event other is selected specify the sample matrix.
Sample type:	Write either an "x" or "xx" in the corresponding space next to the parameter. Sample types: xx- composite; x- grab.
Comments:	Sampler should specify field observations or abnormal conditions. For example: If spilt, trip blanks, field blanks or duplicate samples were taken.
Analysis:	Each parameter to be analyzed should be marked with an "X" or "XX"
Relinquished and received by:	When transferring the possession of samples the individuals relinquishing and receiving will sign, date, and note the time. This record documents sample custody transfer from the sampler, often through another person, to the laboratory. Each signature should be legible. If not legible, print name above signature.

- Note:
- (1) The field sampler is personally responsible for the care and custody of samples collected. As few people as possible should handle samples. When in-site measurement are made, the data are recorded directly in the chain-of-custody. For example: pH, temperature, dissolved oxygen, residual chlorine and flow measurements. If errors are made when completing any of these forms, the error must be crossed out with a single line and initialed and dated by the sampler.
 - (2) Beckton Environmental Laboratories follows SOP's for sampling, preservation and handling of samples. These procedures are of utmost importance if test values are representative of the source sample. Correct analytical methods are always employed.
 - (3) If a sample is found to be toxic (as per appropriate RCRA regulation) it will be returned to the client for proper disposal.
 - (4) The following preservatives must be always employed:
Refrigeration, 4°C for all samples; HNO₃ for trace metals, hardness and radioactivity; NaOH for cyanides; H₂SO₄ for phenolics, ammonia nitrogen, TKN, oil & grease, and phosphorus; Zn Acetate for sulfides. Other parameters are preserved as per appropriate SOP.

U.S. Environmental Protection Agency. NPDES Compliance Evaluation Inspection (MCD-75) Manual, Enforcement Division Office of Water Enforcement, Compliance Branch, Enforcement Division (EN-338), Washington, D.C. EPA January, 1981.

Florida Department of Environmental Protection, Comprehensive QA/QC, 1992.



BECKTON ENVIRONMENTAL
LABORATORIES, INC.

September 7, 1995

ANALYSIS REPORT

SAMPLE IDENTIFICATION: Cooling Tower Sludge
G.E., Fab. (Juana Díaz)

Att.: Nancy Texeira
Lab Name: Beckton Environmental Laboratories
Sampler: V. Castro
Matrix: Solid

Lab. sample ID: BEL-14197

Sample wt/vol: 100 g

Lab. File ID: 14197TCL


Date Received: 08/31/95

Date Extracted: 08/31/95

Date Analyzed: 09/07/95

EPA HAZARDOUS WASTE NUMBER	CONTAMINANT	RESULTS (mg/L)	DETECTION LIMIT (mg/L)	REGULATORY LEVEL (mg/L)
METALS (SW-846 7000's)				
D004	Arsenic	N.D.	0.005	5.0
D005	Barium	2.31	0.30	100.0

Certification and release of the data contained in this Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee.


Lcda. Eulalia Medina
Chemist
Chemist License 3901



CHAIN OF CUSTODY RECORD

PROJECT NO.	COMPANY <u>BE. Juana Diaz</u>	SAMPLER <u>V. Castro</u>		
SAMPLE LOCATION/CLIENT ID	<u>Coleman Tower Sludge</u>	TIME	<u>8:40AM</u>	CONTROL NO.
SAMPLE DATE	<u>8-31-95</u>	BEL. NO.	<u>14197</u>	<u>727</u>

1. General Environmental:

Acidity ()	Alkalinity ()
Ammonia as N ()	Bicarbonate ()
BOD-5 ()	Bromide ()
Chloride ()	Chlorine, Res. ()
COD ()	Color (ADMI) ()
Conductivity ()	Color (Pt-Co) ()
Dissolved Oxygen ()	Cyanide ()
Hardness ()	Fluoride ()
Moisture % ()	Iodine ()
Nitrite ()	Nitrate ()
Oil + Grease ()	Nitrate + Nitrite ()
Phenol ()	pH ().....
Phosphorus, Total ()	Phosphate, Ortho ()
Sett. Solids mg/L ()	Sett. Solids mL/L ()
Sulfate ()	Solids, Total ()
Sulfite ()	Sulfide ()
TDS ()	Surfactant ()
Temperature ().....	TSS ()
TOC ()	TKN ()
Asbestos in air ()	Turbidity ()

Relinquished by:

Nancy Lefuria
Date/Time: 8-31-95 9:00 a.m.

Received by:

Victor Castro
Date/Time: 8-31-95 9:00AM

Relinquished by:

Victor Castro
Date/Time: 8-31-95 3:15PM

Received by:

M. Vidal
Date/Time: 8/31/95 4:30 PM

Matrix:

air ()
water ()
sludge ()
soil (X)
solid ()
oil ()
mixed ()
other () Specify: _____

Turnaround time:

1 day ()
2 days (X)
3 days ()
5 days ()

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders

Sample type legend:

grab samples x
composite samples xx

2. Metals

Aluminum (Al) ()	Cadmium (Cd) ()
Chromium (Cr) ()	Copper (Cu) ()
Iron (Fe) ()	Lead (Pb) ()
Manganese (Mn) ()	Mercury (Hg) ()
Nickel (Ni) ()	Selenium (Se) ()
Silver (Ag) ()	Tin (Sn) ()
Zinc (Zn) ()	Arsenic (As) ()
Barium (Ba) ()	Boron (B) ()
Antimony (Sb) ()	Beryllium (Be) ()
Bismuth (Bi) ()	Calcium (Ca) ()
Chromium, VI (CrVI) ()	Cobalt (Co) ()
Magnesium (Mg) ()	Molybdenum (Mo) ()
Potassium (K) ()	Silicon (Si) ()
Sodium (Na) ()	Strontium (Sr) ()
Thallium (Tl) ()	Titanium (Ti) ()
Vanadium (V) ()	

3. RCRA/Hazardous wastes

Ignitability (Flash Pt.) ()	Corrosivity ()
Reactivity (CN & S) ()	TCLP ()
RCRA Metals ()	Organics-Pest/Herb ()
Organics-BNA ()	Organics-VOA ()
TOX ()	

4. Specific Organics

Volatiles ()	Semi-Volatiles (BNA) ()
Pesticides/PCB's ()	PCB's Only ()
Herbicides ()	TPH/Diesel (TPH/D) ()
BTEX ()	TTO ()
TTO & Dioxin ()	OTHER (Specify) _____ ()

5. Microbiology

Fecal Coliform ()	Total Coliform ()
--------------------	--------------------

Comments:

TCLP AS, Ba

Rush - for 9-5-95

BECKTON ENVIRONMENTAL LABORATORIES

192 Villa Street ♦ Ponce, PR 00731

Tel.: 809-841-7373 ♦ Fax.: 809-841-7313

Original

GE_CARIBE001866

PROCEDURE FOR FILLING CHAIN OF CUSTODY FORM

[Ref.: Beckton's Environmental Laboratories SOP Number 5.0 adopted on May 24, 1995]

Scope And Application

This procedure is necessary to insure the validity of the data. Due to the evidentiary nature of samples collected during enforcement investigations, possession must be traceable from the time the samples are collected until they are introduced as evidence in legal proceedings.

Definition

According to the USEPA Office of Enforcement and Compliance Monitoring National Enforcement Investigation Center (NEIC) Policies and Procedures, May 1978 and revised on May 1986, a sample is under custody if:

1. it is in your possession, or
2. it is in your view, after being in your possession, or
3. it was in your possession and you locked it up, or
4. it is in a designated secure area.

Possession must be traceable from the time the samples are collected until they are finally disposed.

Procedure for filling chain-of-custody forms

Chain of custody shall be completed using black waterproof ink. The information recorded should include:

Project Number:	A number given to the project, optional.
Company:	The name of the Company. If there are companies with the same name, specify the city (place). Site where samples are obtained or specific project for which samples are collected.
Sampler:	Each sampler is identified.
BEL ID Number:	Laboratory Identification Number unique for each sample and assigned by Beckton.
Control No.:	A number assigned by Beckton for the purpose of sample tracking and invoicing. Customers will utilize this number for determining status of samples.
Date:	A six digit number indicating day of collection, month and the year.
Time:	A four digit number indicating time of collection; military time must be preferably employed. AM and PM should be stated in case normal time is employed.
Sample matrix:	Check appropriate space for the following sample matrix: water; solid; air; sludge, soil, solid, mixed waste, or other. In the event other is selected specify the sample matrix.
Sample type:	Write either an "x" or "xx" in the corresponding space next to the parameter. Sample types: xx- composite; x- grab.
Comments:	Sampler should specify field observations or abnormal conditions. For example: If spilt, trip blanks, field blanks or duplicate samples were taken.
Analysis:	Each parameter to be analyzed should be marked with an "X" or "XX"
Relinquished and received by:	When transferring the possession of samples the individuals relinquishing and receiving will sign, date, and note the time. This record documents sample custody transfer from the sampler, often through another person, to the laboratory. Each signature should be legible. If not legible, print name above signature.

- Note:
- (1) The field sampler is personally responsible for the care and custody of samples collected. As few people as possible should handle samples. When in-site measurement are made, the data are recorded directly in the chain-of-custody. For example: pH, temperature, dissolved oxygen, residual chlorine and flow measurements. If errors are made when completing any of these forms, the error must be crossed out with a single line and initialed and dated by the sampler.
 - (2) Beckton Environmental Laboratories follows SOP's for sampling, preservation and handling of samples. These procedures are of utmost importance if test values are representative of the source sample. Correct analytical methods are always employed.
 - (3) If a sample is found to be toxic (as per appropriate RCRA regulation) it will be returned to the client for proper disposal.
 - (4) The following preservatives must be always employed:
Refrigeration, 4°C for all samples; HNO₃ for trace metals, hardness and radioactivity; NaOH for cyanides; H₂SO₄ for phenolics, ammonia nitrogen, TKN, oil & grease, and phosphorus; Zn Acetate for sulfides. Other parameters are preserved as per appropriate SOP.

U.S. Environmental Protection Agency. NPDES Compliance Evaluation Inspection (MCD-75) Manual, Enforcement Division Office of Water Enforcement, Compliance Branch, Enforcement Division (EN-338), Washington, D.C. EPA January, 1981.

Florida Department of Environmental Protection, Comprehensive QA/QC, 1992.

CHAIN OF CUSTODY RECORD

PROJECT NO.	COMPANY <i>B.E. Juana Diaz</i>	SAMPLER <i>V. Castro</i>
SAMPLE LOCATION/CLIENT ID <i>Evaporator Sludge</i>	TIME <i>8:35 AM</i>	CONTROL NO. <i>128</i>
SAMPLE DATE <i>8-31-95</i>	BEL. NO. <i>14198</i>	

1. General Environmental:

Acidity ()	Alkalinity ()
Ammonia as N ()	Bicarbonate ()
BOD-5 ()	Bromide ()
Chloride ()	Chlorine, Res. ()
COD ()	Color (ADMI) ()
Conductivity ()	Color (Pt-Co) ()
Dissolved Oxygen ()	Cyanide ()
Hardness ()	Fluoride ()
Moisture % ()	Iodine ()
Nitrite ()	Nitrate ()
Oil + Grease ()	Nitrate + Nitrite ()
Phenol ()	pH ()
Phosphorus, Total ()	Phosphate, Ortho ()
Sett. Solids mg/L ()	Sett. Solids mL/L ()
Sulfate ()	Solids, Total ()
Sulfite ()	Sulfide ()
TDS ()	Surfactant ()
Temperature ()	TSS ()
TOC ()	TKN ()
Asbestos in air ()	Turbidity ()

Relinquished by:

*Garry Lefina*Date/Time: *8-31-95 9:00 a.m.*

Received by:

*Victor Castro*Date/Time: *8-31-95 9:00 AM*

Relinquished by:

*Victor Castro*Date/Time: *8-31-95 3:15 PM*

Received by:

*M. Vidal*Date/Time: *8/31/95 4:30 PM*

2. Metals

Aluminum (Al) ()	Cadmium (Cd) ()
Chromium (Cr) (X)	Copper (Cu) ()
Iron (Fe) ()	Lead (Pb) ()
Manganese (Mn) ()	Mercury (Hg) ()
Nickel (Ni) ()	Selenium (Se) ()
Silver (Ag) ()	Tin (Sn) ()
Zinc (Zn) ()	Arsenic (As) ()
Barium (Ba) ()	Boron (B) ()
Antimony (Sb) ()	Beryllium (Be) ()
Bismuth (Bi) ()	Calcium (Ca) ()
Chromium, VI (CrVI) ()	Cobalt (Co) ()
Magnesium (Mg) ()	Molybdenum (Mo) ()
Potassium (K) ()	Silicon (Si) ()
Sodium (Na) ()	Strontium (Sr) ()
Thallium (Tl) ()	Titanium (Ti) ()
Vanadium (V) ()	

Matrix:

air	()
water	(X)
sludge	()
soil	()
solid	()
oil	()
mixed	()
other	() Specify: _____

Turnaround time:

1 day	()
2 days	(X)
3 days	()
5 days	()

Note:

normal turnaround time is ten (10) working days; additional charges apply for rush orders

3. RCRA/Hazardous wastes

Ignitability (Flash Pt.) ()	Corrosivity ()
Reactivity (CN & S) ()	TCLP ()
RCRA Metals ()	Organics-Pest/Herb ()
Organics-BNA ()	Organics-VOA ()
TOX ()	

4. Specific Organics

Volatiles ()	Semi-Volatiles (BNA) ()
Pesticides/PCB's ()	PCB's Only ()
Herbicides ()	TPH/Diesel (TPH/D) ()
BTEX ()	TTO ()
TTO & Dioxin ()	OTHER (Specify) _____ ()

5. Microbiology

Fecal Coliform ()	Total Coliform ()
--------------------	--------------------

Comments: *Rush - for 9-5-95*

BECKTON ENVIRONMENTAL LABORATORIES

192 Villa Street ♦ Ponce, PR 00731

Tel.: 809-841-7373 ♦ Fax.: 809-841-7313

Original

GE_CARIBE001868

PROCEDURE FOR FILLING CHAIN OF CUSTODY FORM

[Ref.: Beckton's Environmental Laboratories SOP Number 5.0 adopted on May 24, 1995]

Scope And Application

This procedure is necessary to insure the validity of the data. Due to the evidentiary nature of samples collected during enforcement investigations, possession must be traceable from the time the samples are collected until they are introduced as evidence in legal proceedings.

Definition

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Possession must be traceable from the time the samples are collected until they are finally disposed.

Procedure for filling chain-of-custody forms

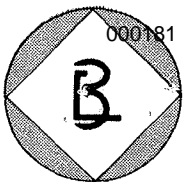
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Sample type:	Write either an "x" or "xx" in the corresponding space next to the parameter. Sample types: xx- composite; x- grab.
Comments:	Sampler should specify field observations or abnormal conditions. For example: If split, trip blanks, field blanks or duplicate samples were taken.
Analysis:	Each parameter to be analyzed should be marked with an "X" or "XX"
Relinquished and received by:	When transferring the possession of samples the individuals relinquishing and receiving will sign, date, and note the time. This record documents sample custody transfer from the sampler, often through another person, to the laboratory. Each signature should be legible. If not legible, print name above signature.

- Note:
- (1) The field sampler is personally responsible for the care and custody of samples collected. As few people as possible should handle samples. When in-site measurement are made, the data are recorded directly in the chain-of-custody. For example: pH, temperature, dissolved oxygen, residual chlorine and flow measurements. If errors are made when completing any of these forms, the error must be crossed out with a single line and initialed and dated by the sampler.
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 - (3) If a sample is found to be toxic (as per appropriate RCRA regulation) it will be returned to the client for proper disposal.
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Refrigeration, 4°C for all samples; HNO₃ for trace metals, hardness and radioactivity; NaOH for cyanides; H₂SO₄ for phenolics, ammonia nitrogen, TKN, oil & grease, and phosphorus; Zn Acetate for sulfides. Other parameters are preserved as per appropriate SOP.

U.S. Environmental Protection Agency. NPDES Compliance Evaluation Inspection (MCD-75) Manual, Enforcement Division Office of Water Enforcement, Compliance Branch, Enforcement Division (EN-338), Washington, D.C. EPA January, 1981.

Florida Department of Environmental Protection, Comprehensive QA/QC, 1992.



**BECKTON ENVIRONMENTAL
LABORATORIES, INC.**

M E M O R A N D U M

To: Ms. Nancy Texeira
G.E., Fab. (Juana Diaz)

From: Rafael Infante, Beckton Environmental Laboratories, Inc.

Date: August 15, 1995

Re.: Pb QC for sample BEL-12477

=====

Enclosed please find QA/QC documentation for the lead (Pb) determination of sample from G.E.- Juana Diaz (BEL-12477).

(a) Pb analysis follows method SW-846 7420; sample preparation is done by SW-846 1311 (TCLP extraction) followed by SW-846 3010 (Acid digestion of extracts for AA analysis)

(b) The sample was analyzed for Pb on 05/30/95; QA/QC procedures for Pb analysis include the analysis of a matrix spike and a duplicate every ten (10) samples. Accuracy limit is 77 - 121%; precision limit is > 80 % RSD.

(c) Results from the control samples analyzed before and after the analysis are as follows:

SAMPLE I.D.	RESULT, mg/L	DUPLICATE, mg/L	PRECISION, %
BEL-12460	0.663	0.656	99
BEL-12647	< 0.10	< 0.10	100

Ms. Nancy Texeira**Page -2-**

SAMPLE ID	SAMPLE mg/L	MS mg/L	SPIKE mg/L	% RECOVERY	MSD mg/L	% RECOVERY	% RSD (± 20 %)
BEL-12460	0.663	8.18	8.0	94	8.67	100	4.4
BEL-12647	< 0.10	3.98	4.0	97	4.05	99	1.4

MS- matrix spike

MSD- matrix spike duplicate

RSD- relative standard deviation

(d) No abnormalities were observed during the performance of the analysis.

Enclosed are also the calibration curves for the samples. If additional information is required, do not hesitate to contact our laboratory.

Enclosure

Method: PBFLAME Element: Pb Wavelength: 217.00 Element 1 of 1

Correlation Coefficient: .99908
Conc. Correlation: .999675

Coefficients

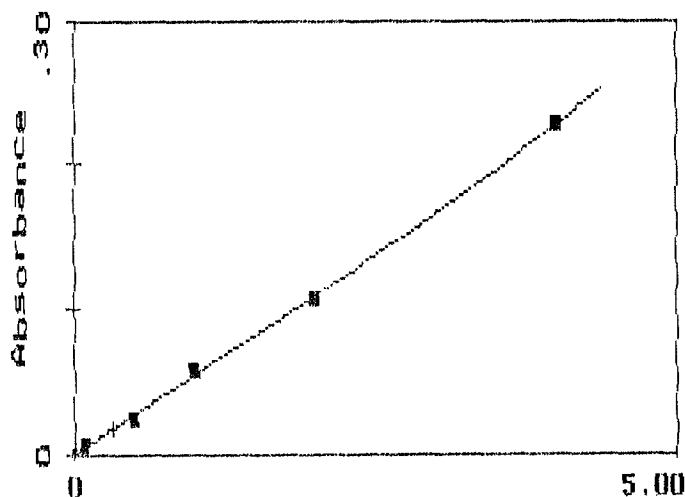
a1 = .05579 Abs : .01778
a2 = -.001479 Conc : .321168
a3 = .000436

Fit Cubic

Date: 30 May 95 11:46

Slope corr.: 1

Standard:	BlankSID	HighSID	SID2	SID1	SID.5	SID.1
Absorbance:	0.0000	.227598	.107537	.05835	.025004	.00594
Known conc.:	0	4	2	1	.5	.1
Calc. conc.:	0.0000	4.00342	1.97073	1.06657	.4529	.106767
Residual:	0.0000	.003418	-.029266	.066569	-.0471	.006767



Analysis Report

Averages

Tue 05-30-95 01:24:36 PM

page 3

#	Sample Name	Pb
1	BEL-12477	4.19
2	BEL-12477	4.12
3	BEL-12477	4.03
4	BEL-12477	4.11
5	BEL-12714	.199
6	BEL-12714	-.042
7	BEL-12613	.189
8	BEL-12613	.073
9	BEL-12613	-.010
10	BEL-12625	.390
11	BEL-12625	.289
12	BEL-12625	.571
13	BEL-12625	.344
14	BEL-12625	1.39
15	BEL-12625	-.586
16	BEL-12626	.009
17	BEL-12626	.065
18	BEL-12628	.078
19	BEL-12629	.050
20	BEL-12629	.074
21	BEL-12629	.067
22	BEL-12630	-.018
23	BEL-12631	.061
24	BEL-12632	.096
25	BEL-12632	.119
26	BEL-12632	.183
27	BEL-12632	.141
28	BEL-12632	.201
29	BEL-12632	.055
30	BEL-12632	.084
31	BEL-12632	-.135
32	BEL-12633	.038
33	BEL-12634	.199
34	BEL-12634	.307
35	BEL-12634	.187
36	BEL-12634	.145
37	BEL-12634	.154
38	BEL-12634	.206
39	BEL-12634	.128
40	BEL-12634	.148
41	BEL-12635	.086
42	BEL-12635	.015
43	BEL-12636	.033
44	BEL-12637	.312
45	BEL-12637	.757
46	BEL-12637	-.019
47	BEL-12637	.192
48	BEL-12637	.322
49	BEL-12637	.360
50	BEL-12637	-.179
51	BEL-12637	.030
52	BEL-12637 DUPL	-.037
53	BEL-12637 SPK 4 PPM	3.60

Calibration

Report

Thu 05-25-95 05:19:48 PM

page 1

Method: PBFLAME

Element: Pb

Wavelength: 217.0

Element 1 of 1

Correlation Coefficient: .934716

Coefficients

a1 = .035048

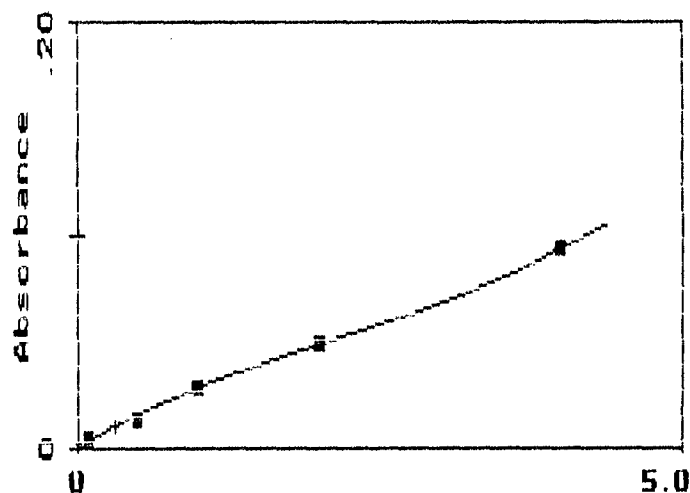
a2 = -.007749

a3 = .001206

Abs : .010497

Conc : .321168

Fit Cubic



Date: 25 May 95 17:18

1. Spe corr.: 1

Standard: BlankSTD

HighSTD

STD2

STD1

STD.5

STD.1

Absorbance: 0.0000

.033200

.049235

.020633

.014033

.004502

Known conc.: 0

4

2

1

.5

.1

Calc. conc.: 0.0000

3.99664

2.02633

1.00846

.440587

.134687

Residual: 0.0000

-.003357

.02633

.008455

-.059413

.034687

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
1	BEL-12622	ANADATA	PBFLAME	05/25/95	13:50	RC	S	CONC
2	BEL-12622 DUP	ANADATA	PBFLAME	05/25/95	13:51	RC	S	CONC
3	BEL-12622 SPK 2 PPM	ANADATA	PBFLAME	05/25/95	13:53	RC	S	CONC
4	BEL-12622 SPK 2 PPM	ANADATA	PBFLAME	05/25/95	13:55	RC	S	CONC
5	BEL-12622 SPK 2 PPM	ANADATA	PBFLAME	05/25/95	13:56	RC	S	CONC
6	BEL-12247	ANADATA	PBFLAME	05/25/95	14:01	RC	S	CONC
7	BEL-12247	ANADATA	PBFLAME	05/25/95	14:02	RC	S	CONC
8	BEL-12247	ANADATA	PBFLAME	05/25/95	14:05	RC	S	CONC
9	BEL-12247	ANADATA	PBFLAME	05/25/95	14:09	RC	S	CONC
10	BEL-12247 SPK 4 PPM	ANADATA	PBFLAME	05/25/95	14:11	HS	S	CONC
11	BEL-12405	ANADATA	PBFLAME	05/25/95	17:46	MV	S	CONC
12	BEL-12406	ANADATA	PBFLAME	05/25/95	17:46	MV	S	CONC
13	BEL-12407	ANADATA	PBFLAME	05/25/95	17:48	MV	S	CONC
14	BEL-12408	ANADATA	PBFLAME	05/25/95	17:48	MV	S	CONC
15	BEL-12460	ANADATA	PBFLAME	05/25/95	17:50	MV	S	CONC
16	BEL-12460	ANADATA	PBFLAME	05/25/95	17:51	MV	S	CONC
17	BEL-12460	ANADATA	PBFLAME	05/25/95	17:51	MV	S	CONC
18	BEL-12460	ANADATA	PBFLAME	05/25/95	17:52	MV	S	CONC
19	BEL-12460	ANADATA	PBFLAME	05/25/95	17:53	MV	S	CONC
20	BEL-12460	ANADATA	PBFLAME	05/25/95	17:54	MV	S	CONC
21	BEL-12460	ANADATA	PBFLAME	05/25/95	17:55	MV	S	CONC
22	BEL-12460 DUPL	ANADATA	PBFLAME	05/25/95	17:55	MV	S	CONC
23	BEL-12460 SPK 8 PPM	ANADATA	PBFLAME	05/25/95	17:58	MV	S	CONC
24	BEL-12460 SPK 8 PPM	ANADATA	PBFLAME	05/25/95	17:58	MV	S	CONC
25	BEL-12485	ANADATA	PBFLAME	05/25/95	18:00	MV	S	CONC
26	BEL-12487	ANADATA	PBFLAME	05/25/95	18:01	MV	S	CONC
27	BEL-12487	ANADATA	PBFLAME	05/25/95	18:01	MV	S	CONC
28	BEL-12487 DUPL	ANADATA	PBFLAME	05/25/95	18:02	MV	S	CONC
29	BEL-12487 SPK 4 PPM\	ANADATA	PBFLAME	05/25/95	18:03	MV	S	CONC
30	BEL-12487 SPK 4 PPM\	ANADATA	PBFLAME	05/25/95	18:04	MV	S	CONC
31	BEL-12489	ANADATA	PBFLAME	05/25/95	18:06	MV	S	CONC
32	BEL-12489	ANADATA	PBFLAME	05/25/95	18:07	MV	S	CONC
33	BEL-12489	ANADATA	PBFLAME	05/25/95	18:08	MV	S	CONC
34	BEL-12501	ANADATA	PBFLAME	05/25/95	18:08	MV	S	CONC
35	BEL-12501	ANADATA	PBFLAME	05/25/95	18:09	MV	S	CONC
36	BEL-12501	ANADATA	PBFLAME	05/25/95	18:10	MV	S	CONC
37	BEL-12548	ANADATA	PBFLAME	05/25/95	18:11	MV	S	CONC
38	BEL-12550	ANADATA	PBFLAME	05/25/95	18:12	MV	S	CONC
39	BEL-12550	ANADATA	PBFLAME	05/25/95	18:13	MV	S	CONC
40	BEL-12563	ANADATA	PBFLAME	05/25/95	18:13	MV	S	CONC
41	BEL-12579	ANADATA	PBFLAME	05/25/95	18:20	MV	S	CONC
42	BEL-12579	ANADATA	PBFLAME	05/25/95	18:21	MV	S	CONC
43	BEL-12585	ANADATA	PBFLAME	05/25/95	18:22	MV	S	CONC
44	BEL-12586	ANADATA	PBFLAME	05/25/95	18:23	MV	S	CONC
45	BEL-12611	ANADATA	PBFLAME	05/25/95	18:25	MV	S	CONC
46	BEL-12604	ANADATA	PBFLAME	05/25/95	18:26	MV	S	CONC
47	BEL-12604	ANADATA	PBFLAME	05/25/95	18:26	MV	S	CONC
48	BEL-12606	ANADATA	PBFLAME	05/25/95	18:27	MV	S	CONC
49	BEL-12607	ANADATA	PBFLAME	05/25/95	18:28	MV	S	CONC
50	BEL-12608	ANADATA	PBFLAME	05/25/95	18:29	MV	S	CONC
51	BEL-12609	ANADATA	PBFLAME	05/25/95	18:30	MV	S	CONC
52	BEL-12610	ANADATA	PBFLAME	05/25/95	18:31	MV	S	CONC
53	BEL-12625	ANADATA	PBFLAME	05/25/95	18:56	MV	S	CONC

Pages

Thu 05-25-95 07:49:32 PM

page 3

#	Sample Name	Pb
1	BEL-12622	.062
2	BEL-12622 DUP	.025
3	BEL-12622 SPK 2 PPM	1.56
4	BEL-12622 SPK 2 PPM	1.86
5	BEL-12622 SPK 2 PPM	1.87
6	BEL-12247	3.75
7	BEL-12247	3.31
8	BEL-12247	3.67
9	BEL-12247	3.76
10	BEL-12247 SPK 4 PPM	8.02
11	BEL-12405	.032
12	BEL-12406	.049
13	BEL-12407	.065
14	BEL-12408	.001
15	BEL-12460	.771
16	BEL-12460	.451
17	BEL-12460	.705
18	BEL-12460	.622
19	BEL-12460	.684
20	BEL-12460	.663
21	BEL-12460	.669
22	BEL-12460 DUPL	.656
23	BEL-12460 SPK 8 PPM	8.18
24	BEL-12460 SPK 8 PPM	8.67
25	BEL-12485	-.015
26	BEL-12487	.224
27	BEL-12487	-.008
28	BEL-12487 DUPL	-.048
29	BEL-12487 SPK 4 PPM\	3.00
30	BEL-12487 SPK 4 PPM\	3.90
31	BEL-12489	.230
32	BEL-12489	.205
33	BEL-12489	.152
34	BEL-12501	.131
35	BEL-12501	.163
36	BEL-12501	-.004
37	BEL-12548	.041
38	BEL-12550	.143
39	BEL-12550	.009
40	BEL-12563	1.29
41	BEL-12579	.091
42	BEL-12579	.051
43	BEL-12585	-.044
44	BEL-12586	.059
45	BEL-12611	.052
46	BEL-12604	.125
47	BEL-12604	.006
48	BEL-12606	.026
49	BEL-12607	.079
50	BEL-12608	.029
51	BEL-12609	.036
52	BEL-12610	.127

Sample → .663
 Duplicate → .656

$$\frac{8.67 - .656}{8} \times 100 = 100\%$$

Method: PBFLAME Element: Pb Wavelength: 217.00 Element 1 of 1

Correlation Coefficient: .999101
Conc. Correlation: .999847

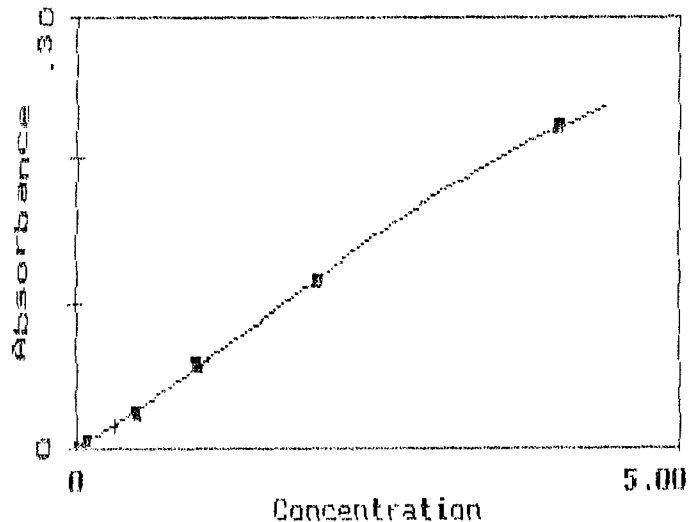
Coefficients

a1 = .049741 Abs : .016704
a2 = .007548 Conc : .321168
a3 = -.001514

Fit Cubic

Date: 6 Jun 95 10:34

Slope corr.: 1



Standard: Blank	STD	High	STD	STD	STD	STD
Absorbance: 0.0000	.222973	.116436	.058398	.024564	.005416	
Known conc.: 0	4	2	1	.5	.1	
Calc. conc.: 0.0000	4.00365	1.9818	1.04339	.46416	.107139	
Residual: 0.0000	.00365	-.018201	.043391	-.03584	.007139	

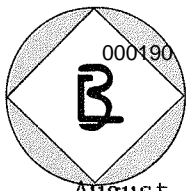
ANALYSIS REPORT

SUMMARY

TUE 06-06-95 01:42:47 PM

PAGE 1

#	SAMPLE NAME	FILE	METHOD	DATE	TIME	OPID	TYPE	MODE
1	BEL-12598	ANADATA	PBFLAME	06/06/95	12:51	NR	S	CONC
2	BEL-12598	ANADATA	PBFLAME	06/06/95	12:52	NR	S	CONC
3	BEL-12598	ANADATA	PBFLAME	06/06/95	12:52	NR	S	CONC
4	BEL-12598	ANADATA	PBFLAME	06/06/95	12:53	NR	S	CONC
5	BEL-12598	ANADATA	PBFLAME	06/06/95	12:53	NR	S	CONC
6	BEL-12598	ANADATA	PBFLAME	06/06/95	12:53	NR	S	CONC
7	BEL-12598	ANADATA	PBFLAME	06/06/95	12:54	NR	S	CONC
8	BEL-12664	ANADATA	PBFLAME	06/06/95	12:58	NR	S	CONC
9	BEL-12648	ANADATA	PBFLAME	06/06/95	12:59	NR	S	CONC
10	BEL-12647	ANADATA	PBFLAME	06/06/95	13:00	NR	S	CONC
11	BEL-12647(DUPLICATE)	ANADATA	PBFLAME	06/06/95	13:01	NR	S	CONC
12	BEL-12647(DUPLICATE)	ANADATA	PBFLAME	06/06/95	13:03	NR	S	CONC
13	BEL-12647(SPK 4 PPM)	ANADATA	PBFLAME	06/06/95	13:05	NR	S	CONC
14	BEL-12647(SPK 4 PPM)	ANADATA	PBFLAME	06/06/95	13:06	NR	S	CONC
15	BEL-12647(SPK 4 PPM)	ANADATA	PBFLAME	06/06/95	13:07	NR	S	CONC
16	BEL-12618	ANADATA	PBFLAME	06/06/95	13:08	NR	S	CONC
17	BEL-12618	ANADATA	PBFLAME	06/06/95	13:09	NR	S	CONC
18	BEL-12619	ANADATA	PBFLAME	06/06/95	13:10	NR	S	CONC
19	BEL-12619	ANADATA	PBFLAME	06/06/95	13:10	NR	S	CONC
20	BEL-12777	ANADATA	PBFLAME	06/06/95	13:12	NR	S	CONC
21	BEL-12705	ANADATA	PBFLAME	06/06/95	13:14	NR	S	CONC
22	BEL-12705	ANADATA	PBFLAME	06/06/95	13:15	NR	S	CONC
23	BEL-12693	ANADATA	PBFLAME	06/06/95	13:16	HS	S	CONC
24	BEL-12693	ANADATA	PBFLAME	06/06/95	13:18	HS	S	CONC
25	BEL-12699	ANADATA	PBFLAME	06/06/95	13:19	HS	S	CONC
26	BEL-12695	ANADATA	PBFLAME	06/06/95	13:21	HS	S	CONC
27	BEL-12695	ANADATA	PBFLAME	06/06/95	13:21	HS	S	CONC
28	BEL-12703	ANADATA	PBFLAME	06/06/95	13:23	HS	S	CONC
29	BEL-12762	ANADATA	PBFLAME	06/06/95	13:24	HS	S	CONC
30	BEL-12762	ANADATA	PBFLAME	06/06/95	13:24	HS	S	CONC
31	BEL-12762	ANADATA	PBFLAME	06/06/95	13:26	HS	S	CONC
32	BEL-12762	ANADATA	PBFLAME	06/06/95	13:26	HS	S	CONC
33	BEL-12762	ANADATA	PBFLAME	06/06/95	13:27	HS	S	CONC
34	BEL-12762	ANADATA	PBFLAME	06/06/95	13:27	HS	S	CONC
35	BEL-12693	ANADATA	PBFLAME	06/06/95	13:28	HS	S	CONC
36	BEL-12693	ANADATA	PBFLAME	06/06/95	13:29	HS	S	CONC



BECKTON ENVIRONMENTAL
LABORATORIES, INC.

August 14, 1995

ANALYSIS RESULTS

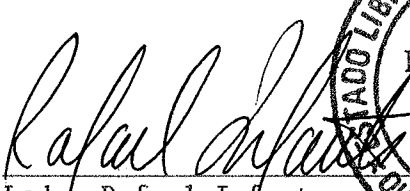
Lab Name: Beckton Environmental Laboratories Contract: G.E. Fab. (Juana Díaz)
Att.: Mrs. Nancy Texeira Project:

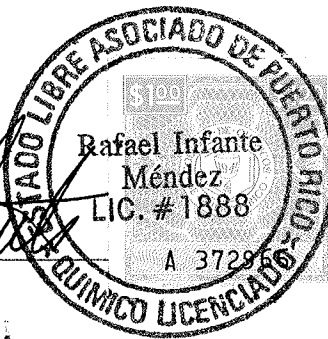
Matrix: Solid Sample wt/vol: 10.0/100 (g/mL) g/mL
Lab. File ID: 12478TOX Sampled by: A. Vera

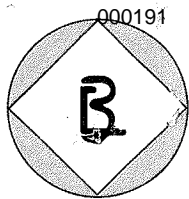
SAMPLE I.D	DESCRIPTION	SAMPLING DATE	ANALYSIS DATE
BEL-12478	Molding Compound	05/11/95	08/11/95

SAMPLE ID	SAMPLE TYPE	UNITS	RESULT	DETECTION LIMIT
Total Organic Halogen (TOX SW-846 9020A)				
BEL-12478	Grab	mg/kg	1,500	85

Certification and release of the data contained in the Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee.


Lcdo. Rafael Infante
Laboratory Director
Chemist License 1888





BECKTON ENVIRONMENTAL
LABORATORIES, INC.

March 21, 1995

ANALYSIS REPORT

SAMPLE IDENTIFICATION: Compreccion Hole
G.E., Juana Díaz

Att.: Mrs. N. Texeira

Lab Name: Beckton Environmental Laboratories

Sampler: A. Vera

Matrix: Sludge/Soil

Lab. sample ID: BEL-11515

Sample wt/vol: 150/25.0(g/mL) g

Lab. File ID: 11515TCL

Column: (pack/cap) capillary

Date Received: 03/03/95

Date Extracted: 03/06/95(V, SV, P & H)

Date Analyzed: 03/07/95 (V)

03/08/95 (H)

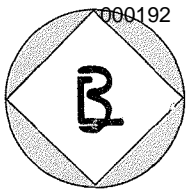
03/08/95 (P)

03/08/95 (SV)

MAXIMUM CONCENTRATION OF CONTAMINANTS
FOR CHARACTERISTIC OF TCLP TOXICITY

EPA HAZARDOUS WASTE NUMBER	CONTAMINANT	RESULTS (mg/L)	DETECTION LIMIT (mg/L)	REGULATORY LEVEL (mg/L)
METALS (SW 6000/7000)				
D004	Arsenic	N.D.	0.005	5.0
D005	Barium	0.406	0.30	100.0
D006	Cadmium	N.D.	0.01	1.0
D007	Chromium	N.D.	0.05	5.0
D008	Lead	N.D.	0.10	5.0
D009	Mercury	N.D.	0.0005	0.2
D010	Selenium	N.D.	0.005	1.0
D011	Silver	N.D.	0.020	5.0
PESTICIDES (SW 8080)				
D020	Chlordane	N.D.	0.002	0.03
D012	Endrin	N.D.	0.002	0.02
D031	Heptachlor (and its OH)	N.D.	0.0005	0.008
D013	Lindane	N.D.	0.004	0.4
D014	Methoxychlor	N.D.	0.010	10.0
D015	Toxaphene	N.D.	0.025	0.5

N.D.- not detected



BECKTON ENVIRONMENTAL
LABORATORIES, INC.

Analysis Report
Page -3-

SAMPLE IDENTIFICATION: BEL-11515

HAZARDOUS CHARACTERISTICS

IGNITABILITY: Hazardous Waste Number D 001

The sample does NOT exhibit the characteristic of ignitability according to the U.S. Environmental Protection Agency, Manual SW 846, "Test Methods for Evaluating Solid Wastes".

Flash point > 140°F

CORROSIVITY: Hazardous Wastes Number D 002

The sample does not exhibit the characteristic of corrosivity according to the U.S. Environmental Protection Agency, Manual SW 846, "Test Methods for Evaluating Solid Wastes".

The pH of the sample was 7.98 S.U. @ 12°C.


REACTIVITY: Hazardous Wastes Number D 003

Sample does not exhibit the characteristics of reactivity according to U.S. Environmental Protection Agency, Manual SW 846, "Test Methods for Evaluating Solid Wastes".

Sulfide	< 10	ppm	(500 ppm limit)
Cyanide	< 10	ppm	(250 ppm limit)

Certification and release of the data contained in this Report of Analysis has been authorized by the Laboratory Manager or the Manager's Designee.


Lcdo. Rafael Infante
Laboratory Director
Chemist License No. 1888



000 BECKTON ENVIRONMENTAL LABORATORIES, INC.

192 VILLA STREET PONCE, PR 00731
TEL. (809) 841-7373 FAX (809) 841-7313

REVISION 1994

CHAIN OF CUSTODY RECORD

PROJECT NO.	COMPANY <u>L. E. JUANA DIAZ</u>				SAMPLER <u>A. VERA</u>	
SAMPLE LOCATION/ CLIENT ID	Compre ccion Hole	Field Blank	Trip Blank			PURCHASE ORDER NUMBER
SAMPLE DATE	3-3-95	3-3-95	3-3-95			
TIME	1:40 P.M.	1:40 P.M.				
BEL NO.	11515	11516	11517			

Acidity	()	()	()	()	()	()
Alkalinity	()	()	()	()	()	()
Ammonia as N	()	()	()	()	()	()
Bicarbonate	()	()	()	()	()	()
BOD-5	()	()	()	()	()	()
Bromide	()	()	()	()	()	()
Chloride	()	()	()	()	()	()
Chlorine, Res.	()	()	()	()	()	()
COD	()	()	()	()	()	()
Color	()	()	()	()	()	()
Conductivity	()	()	()	()	()	()
Cyanide	()	()	()	()	()	()
Dissolved Oxygen	()	()	()	()	()	()
Fluoride	()	()	()	()	()	()
Hardness	()	()	()	()	()	()
Iodine	()	()	()	()	()	()
Moisture %	()	()	()	()	()	()
Nitrate	()	()	()	()	()	()
Nitrite	()	()	()	()	()	()
Nitrate+Nitrite	()	()	()	()	()	()
Oil+Grease	()	()	()	()	()	()
pH	( )	.....	.....	.....	.....	.....
Phenol	()	()	()	()	()	()
Phosphate, Ortho	()	()	()	()	()	()
Phosphorus, Total	()	()	()	()	()	()
Sett. Solids ml/L	()	()	()	()	()	()
Sett. Solids mg/L	()	()	()	()	()	()
Solids, Total	()	()	()	()	()	()
Sulfate	()	()	()	()	()	()
Sulfide	()	()	()	()	()	()
Sulfite	()	()	()	()	()	()
Surfactant	()	()	()	()	()	()
TDS	()	()	()	()	()	()
TSS	()	()	()	()	()	()
Temperature	( )	.....	.....	.....	.....	.....
TKN	()	()	()	()	()	()
TOC	()	()	()	()	()	()
Turbidity	()	()	()	()	()	()
Asbestos in air	()	()	()	()	()	()

Relinquished by:

Garry Leferia
3-3-95

Date / Time: 2:15 P.M.

Received by:

Angel Luis Vera
3-3-95

Date / Time: 2:15 P.M.

Relinquished by:

Angel Luis Vera
3-3-95

Date / Time: 2:50 P.M.

Received by:

M. Vidal

Date / Time: 3-6-95

8:00 AM

Matrix:

water ()
sludge ()
soil ()
oil ()
other ()

Turnaround:

24-48 hrs. ()
1 week ()
2 weeks ()
3 weeks ()

Grab= X (X)

Composite= XX (X)

Comments:

BEL NO.					
---------	--	--	--	--	--

METALS

Aluminum	(Al)	()	()	()	()	()
Cadmium	(Cd)	()	()	()	()	()
Chromium	(Cr)	()	()	()	()	()
Copper	(Cu)	()	()	()	()	()
Iron	(Fe)	()	()	()	()	()
Lead	(Pb)	()	()	()	()	()
Manganese	(Mn)	()	()	()	()	()
Mercury	(Hg)	()	()	()	()	()
Nickel	(Ni)	()	()	()	()	()
Selenium	(Se)	()	()	()	()	()
Silver	(Ag)	()	()	()	()	()
Tin	(Sn)	()	()	()	()	()
Zinc	(Zn)	()	()	()	()	()
Arsenic	(As)	()	()	()	()	()
Barium	(Ba)	()	()	()	()	()
Boron	(B)	()	()	()	()	()
Antimony	(Sb)	()	()	()	()	()
Beryllium	(Be)	()	()	()	()	()
Bismuth	(Bi)	()	()	()	()	()
Calcium	(Ca)	()	()	()	()	()
Chromium, hex	(CrVI)	()	()	()	()	()
Cobalt	(Co)	()	()	()	()	()
Magnesium	(Mg)	()	()	()	()	()
Molybdenum	(Mo)	()	()	()	()	()
Potassium	(K)	()	()	()	()	()
Silicon	(Si)	()	()	()	()	()
Sodium	(Na)	()	()	()	()	()
Strontium	(Sr)	()	()	()	()	()
Thallium	(Tl)	()	()	()	()	()
Titanium	(Ti)	()	()	()	()	()
Vanadium	(V)	()	()	()	()	()

RCRA HAZARDOUS WASTE

Ignitability (Flash Pt.)	(X)	()	()	()	()
Corrosivity	(X)	()	()	()	()
Reactivity (CN & S)	(X)	()	()	()	()
TCLP	(X)	()	()	()	()
Metals	(X)	()	()	()	()
Organics-Pest/Herb	(X)	()	()	()	()
Organics-BNA	(X)	()	()	()	()
Organics-VOA	(X)	()	()	()	()
Benzene	(X)	()	()	()	()

SPECIFIC ORGANICS

Volatiles	()	()	()	()	()
Semi-Volatiles (BNA)	()	()	()	()	()
Pesticides/PCB	()	()	()	()	()
PCB Only	()	()	()	()	()
Herbicides	()	()	()	()	()
TPH/Diesel (TPH/D)	()	()	()	()	()
BTEX	()	()	()	()	()
TTO	()	()	()	()	()
TTO & Dioxin	()	()	()	()	()
OTHER (Define)	()	()	()	()	()

MICROBIOLOGY

Fecal Coliform	()	()	()	()	()
Total Coliform	()	()	()	()	()

**GE LIGHTING
WASTE ANALYSIS PLAN PROFILE**

Material Identification Copper Sulfate Sol. I.D. Number JD HW 09

Process Generating Material Electroplating process

Is this material a Solid Waste? yes If not, provide information and rationale used in making that determination, including state and /or federal regulatory citations. _____

Is the Solid Waste also a Hazardous Waste ? ____ If not, provide information and rationale used in making that determination, including state and /or federal regulatory citations. _____

If the waste is listed in 40 CFR 261.31 (F wastes) note constituents and waste code: _____

If the waste is listed in 40 CFR 261.32 (K wastes) note process: _____

If the waste is listed in 40 CFR 261.33(e) (P wastes) contact *Lighting RCRA Specialist* prior to any disposal activities: _____

If the waste is listed in 40 CFR 261.33(f) (U wastes) note the commercial chemical product name and waste code: _____

Do you possess the "generator knowledge" to determine that the waste is not Characteristically Hazardous at a 95 % confidence level? _____

If yes, provide information and rationale _____

If no, what analytical information and therefore sample types will be required?

Ignitability? _____ Corrosivity? _____ Reactivity? _____

Toxicity: Metals? _____ Pesticides / Herbicides ? _____

Semi-volatile organics? _____ Volatile organics? _____

Land Disposal Restriction requirements ? _____ Free liquids? _____

Can you collect a representative sample of the waste? ____ If not, a consultant laboratory must be contracted to sample as well as to analyze the waste.

**GE LIGHTING
WASTE ANALYSIS PLAN PROFILE
(continued)**

Material Identification _____ I.D. Number _____

Date sampled _____ Sampled by _____

What type of sample are you collecting: Sample source? _____
containers _____, volume _____
sampling frequency _____, composite / grab _____
Other sampling information _____

Laboratory analyzing sample _____
Sample Identification (name / lab code) _____

Attach laboratory data sheets to this WAPP.

Waste code determinations:

Listed waste codes _____
Characteristic waste codes _____
LDR waste codes _____
Underlying Hazardous Constituents _____

Proper Shipping Name _____

Reportable Quantity _____ Constituent _____

Emergency response requirements:

Personal protective equipment _____

Other _____

Waste Minimization opportunities : _____

**GE LIGHTING
WASTE ANALYSIS PLAN PROFILE**

Material Identification salvage 105 cleaner I.D. Number JD HW02

Process Generating Material Parts cleaning in tool room and molding

Is this material a Solid Waste? yes If not, provide information and rationale used in making that determination, including state and/or federal regulatory citations. _____

Is the Solid Waste also a Hazardous Waste? yes If not, provide information and rationale used in making that determination, including state and/or federal regulatory citations. _____

If the waste is listed in 40 CFR 261.31 (F wastes) note constituents and waste code: _____

If the waste is listed in 40 CFR 261.32 (K wastes) note process: _____

If the waste is listed in 40 CFR 261.33(e) (P wastes) contact *Lighting RCRA Specialist* prior to any disposal activities: _____

If the waste is listed in 40 CFR 261.33(f) (U wastes) note the commercial chemical product name and waste code: _____

Do you possess the "generator knowledge" to determine that the waste is not Characteristically Hazardous at a 95 % confidence level? _____

If yes, provide information and rationale _____

If no, what analytical information and therefore sample types will be required?

Ignitability? _____ Corrosivity? _____ Reactivity? _____

Toxicity: Metals? _____ Pesticides / Herbicides? _____

Semi-volatile organics? _____ Volatile organics? _____

Land Disposal Restriction requirements? _____ Free liquids? _____

Can you collect a representative sample of the waste? yes If not, a consultant laboratory must be contracted to sample as well as to analyze the waste.

GE LIGHTING
WASTE ANALYSIS PLAN PROFILE
 (continued)

Material Identification solvent 105 cleaner I.D. Number JDHW02

Date sampled _____ Sampled by _____

What type of sample are you collecting: Sample source? _____
 containers _____, volume _____
 sampling frequency _____, composite / grab _____
 Other sampling information _____

Laboratory analyzing sample _____
 Sample Identification (name / lab code) _____

Attach laboratory data sheets to this WAPP.

Waste code determinations:

Listed waste codes _____
 Characteristic waste codes D001, D018, D039
 LDR waste codes _____
 Underlying Hazardous Constituents _____

Proper Shipping Name Waste combustible liquid, N.O.S.
(mineral spirits), NF 1993, PG III, (EPA D001, D018, D039)

Reportable Quantity _____ Constituent _____

Emergency response requirements:

Personal protective equipment rubber gloves, goggles
 Other _____

Waste Minimization opportunities : Yes, Change this cleaner
(hazardous) for other to no hazardous.

ECWS - CARIBE

Eastern Chemical Waste Systems - Caribe, Inc.

Corporate Office:
1010 Wayne Avenue
Eighth Floor
Silver Spring, MD 20910
fax: (301) 650-2452
(301) 650-2440



Caribbean Regional Office:
P.O. Box 299
Barceloneta, PR 00617-0299
fax: (809) 846-7322
(809) 846-7303

TELECOMMUNICATION COVER SHEET

FROM CORPORATE OFFICE, SILVER SPRING, MARYLAND

DATE OF TRANSMISSION: 6-28-93
 RECEIVER'S NAME: Stephan Brown
 RECEIVER'S COMPANY: Caribe GE Products, Inc.
 RECEIVER'S ADDRESS: Juanita, P.R. 00665
 RECEIVER'S FAX NUMBER: 809-837-3230
 TOTAL NUMBER OF PAGES: 6 (inclusive of this cover sheet)
 OUR FAX NUMBER: (301) 650-2452
 NAME OF SENDER: Diana
 WE ARE TRANSMITTING FROM: ECWS CARIBE, INC.
 SENDER'S TELEPHONE NUMBER: (301) 650-2440 & (800) 654-9967

SPECIAL INSTRUCTIONS:

Stephan,
Envio el analisis del
Foro Electrolitico Sledge.
Cualquier cosa que necesiten no
duden en llamar!
¡Perdone la tardanza!

Diana

000200

SHIPMENT SAMPLE

LABORATORY ANALYSIS REPORT

ENCYCLE / TEXAS, INC.
5500 UP RIVER ROAD . (512) 289-0300
P.O. BOX 4767 - CORPUS CHRISTI, TEXAS 78469

Lab CC 01489-90 LOAD 4930
Date Rec'd 12-23-92

WASTE IDENTIFICATION
BILLING: EASTERN CHEM. WASTE SYS.
GENERATOR: CARIBE GENERAL
WASTE DESC: ELECTROPLATING SLG

LAB INFO
SALESMAN: TONY WOOD
SAMPLE TYPE: SOLID
COMPLETED: 12-30-92

CURRENT UNIT: 6.00 BAGS

-- ANALYSIS --

PARAMETER	RESULTS (%)
ALUMINUM (Al)	2.42
ARSENIC (As)	<0.10
BARIUM (Ba)	<0.10
CADMIUM (Cd)	<0.10
CHROMIUM (Cr)	10.37
COPPER (Cu)	3.15
IRON (Fe)	2.70
MANGANESE (Mn)	<0.10
NICKEL (Ni)	1.35
LEAD (Pb)	<0.10
SELENIUM (Se)	<0.10
TIN (Sn)	2.02
ZINC (Zn)	25.20
CALCIUM (Ca)	3.51
MAGNESIUM (Mg)	0.19
SODIUM (Na)	1.08
MOISTURE & H2O	75.89
SPECIFIC GRAVITY	NA
TOTAL CYANIDE (CN) ppm	NA

[KEY]
BNP = Believed Not Present
ND = Not Detected
NA = Not Analyzed

REVIEWED BY: _____

SHIPMENT SAMPLE

LABORATORY ANALYSIS REPORT

ENCYCLE / TEXAS, INC.
5500 UP RIVER ROAD - (512) 289-0300
P.O. BOX 4767 - CORPUS CHRISTI, TEXAS 78469

Lab CC 01489-90 LOAD 4321
Date Rec'd 09-04-92

WASTE IDENTIFICATION
BILLING: EASTERN CHEM. WASTE SYS.
GENERATOR: CARIBE GENERAL
WASTE DESC: ELECTROPLATING SLG

LAB INFO
SALESMAN: TONY WOOD
SAMPLE TYPE: SOLID
COMPLETED: 09-10-92

CURRENT UNIT: 4.00 BAGS

-- ANALYSIS --

PARAMETER

RESULTS (%)

ALUMINUM (Al)	4.04
ARSENIC (As)	<0.10
BARIUM (Ba)	<0.10
CADMIUM (Cd)	<0.10
CHROMIUM (Cr)	5.53
COPPER (Cu)	1.74
IRON (Fe)	1.87
MANGANESE (Mn)	<0.10
NICKEL (Ni)	<0.10
LEAD (Pb)	<0.10
SELENIUM (Se)	<0.10
TIN (Sn)	1.79
ZINC (Zn)	20.40
CALCIUM (Ca)	2.31
MAGNESIUM (Mg)	0.28
SODIUM (Na)	0.79
MOISTURE % H2O	77.88
SPECIFIC GRAVITY	NA
TOTAL CYANIDE (CN) ppm	NA

[KEY]
BNP = Believed Not Present
ND = Not Detected
NA = Not Analyzed

REVIEWED BY: _____

SHIPMENT SAMPLE

LABORATORY ANALYSIS REPORT

ENCYCLE / TEXAS, INC.
5500 UP RIVER ROAD • (512) 289-0300
P.O. BOX 4767 • CORPUS CHRISTI, TEXAS 78469

Lab CC 01489-90 LOAD 3862
Date Rec'd 06-05-92

WASTE IDENTIFICATION
BILLING: EASTERN CHEM. WASTE SYS.
GENERATOR: CARIBE GENERAL
WASTE DESC: ELECTROPLATING SLG

LAB INFO
SALESMAN: TONY WOOD
SAMPLE TYPE: SOLID
COMPLETED: 06-09-92

CURRENT UNIT: 4.00 BAGS

-- ANALYSIS --

PARAMETER

RESULTS (%)

ALUMINUM (Al)	6.42
ARSENIC (As)	<0.10
BARIUM (Ba)	<0.10
CADMIUM (Cd)	<0.10
CHROMIUM (Cr)	2.72
COPPER (Cu)	0.94
IRON (Fe)	2.32
MANGANESE (Mn)	<0.10
NICKEL (Ni)	0.37
LEAD (Pb)	<0.10
SELENIUM (Se)	<0.10
TIN (Sn)	1.75
ZINC (Zn)	8.96
CALCIUM (Ca)	2.29
MAGNESIUM (Mg)	0.29
SODIUM (Na)	0.77
MOISTURE % H2O	70.69
SPECIFIC GRAVITY	NA
TOTAL CYANIDE (CN) ppm	NA

44 •

[KEY]
BNP = Believed Not Present
ND = Not Detected
NA = Not Analyzed

REVIEWED BY: _____

SHIPMENT SAMPLE

LABORATORY ANALYSIS REPORT

ENCYCLE / TEXAS, INC.
5500 UP RIVER ROAD . (512) 289-0300
P.O. BOX 4767 • CORPUS CHRISTI, TEXAS 78469

Lab CC 01489-90 LOAD 3457
Date Rec'd 03-19-92

WASTE IDENTIFICATION
BILLING: EASTERN CHEM. WASTE SYS.
GENERATOR: CARIBE GENERAL
WASTE DESC: ELECTROPLATING SLG

LAB INFO
SALESMAN: TONY WOOD
SAMPLE TYPE: SOLID
COMPLETED: 03-25-92

CURRENT UNIT: 4.00 BAGS

-- ANALYSIS --

PARAMETER

RESULTS (%)

ALUMINUM (Al)	6.39
ARSENIC (As)	<0.10
BARIUM (Ba)	<0.10
CADMIUM (Cd)	<0.10
CHROMIUM (Cr)	1.80
COPPER (Cu)	1.08
IRON (Fe)	2.42
MANGANESE (Mn)	<0.10
NICKEL (Ni)	0.14
LEAD (Pb)	<0.10
SELENIUM (Se)	<0.10
TIN (Sn)	0.21
ZINC (Zn)	21.19
CALCIUM (Ca)	1.98
MAGNESIUM (Mg)	0.43
SODIUM (Na)	0.28
MOISTURE % H2O	85.05
SPECIFIC GRAVITY	NA
TOTAL CYANIDE (CN) ppm	NA

4 4 4

[KEY]
BNP = Believed Not Present
ND = Not Detected
NA = Not Analyzed

REVIEWED BY: _____

SHIPMENT SAMPLE

LABORATORY ANALYSIS REPORT

ENCYCLE / TEXAS, INC.
5500 UP RIVER ROAD • (512) 289-0300
P.O. BOX 4767 • CORPUS CHRISTI, TEXAS 78469

Lab CC 01489-90 LOAD 5621
Date Rec'd 04-21-93

WASTE IDENTIFICATION
BILLING: EASTERN CHEM. WASTE SYS.
GENERATOR: CARIBE GENERAL
WASTE DESC: ELECTROPLATING SLG

LAB INFO
SALESMAN: TONY WOOD
SAMPLE TYPE: SOLID
COMPLETED: 04-26-93

CURRENT UNIT: 4.00 BAGS

-- ANALYSIS --

PARAMETER

RESULTS (%)

ALUMINUM (Al)	2.83
ARSENIC (As)	<0.10
BARIUM (Ba)	<0.10
CADMIUM (Cd)	<0.10
CHROMIUM (Cr)	12.25
COPPER (Cu)	3.98
IRON (Fe)	2.44
MANGANESE (Mn)	<0.10
NICKEL (Ni)	0.19
LEAD (Pb)	<0.10
SELENIUM (Se)	<0.10
TIN (Sn)	1.00
ZINC (Zn)	11.06
CALCIUM (Ca)	2.42
MAGNESIUM (Mg)	0.26
SODIUM (Na)	0.41
MOISTURE & H2O	63.21
SPECIFIC GRAVITY	NA
TOTAL CYANIDE (CN) ppm	NA

464

[KEY]
BNP = Believed Not Present
ND = Not Detected
NA = Not Analyzed

REVIEWED BY: _____

**GE LIGHTING
WASTE ANALYSIS PLAN PROFILE**

Material Identification electroplating sludge I.D. Number JD HW01

Process Generating Material electroplating process and
Waste Water treatment plant for this process

Is this material a Solid Waste? yes If not, provide information and rationale used in making that determination, including state and /or federal regulatory citations. _____

Is the Solid Waste also a Hazardous Waste? yes If not, provide information and rationale used in making that determination, including state and /or federal regulatory citations. analysis report

If the waste is listed in 40 CFR 261.31 (F wastes) note constituents and waste code: Chromium

If the waste is listed in 40 CFR 261.32 (K wastes) note process: N/A

If the waste is listed in 40 CFR 261.33(e) (P wastes) contact Lighting RCRA Specialist prior to any disposal activities: N/A

If the waste is listed in 40 CFR 261.33(f) (U wastes) note the commercial chemical product name and waste code: N/A

Do you possess the "generator knowledge" to determine that the waste is not Characteristically Hazardous at a 95 % confidence level? yes

If yes, provide information and rationale analysis report

If no, what analytical information and therefore sample types will be required?

Ignitability? _____ Corrosivity? _____ Reactivity? _____

Toxicity: Metals? _____ Pesticides / Herbicides? _____

Semi-volatile organics? _____ Volatile organics? _____

Land Disposal Restriction requirements? _____ Free liquids? _____

Can you collect a representative sample of the waste? yes If not, a consultant laboratory must be contracted to sample as well as to analyze the waste.

**GE LIGHTING
WASTE ANALYSIS PLAN PROFILE
(continued)**

Material Identification electroplating sludge I.D. Number JD HW01

Date sampled 12/30/92 Sampled by Enayele, Icha

What type of sample are you collecting: Sample source? _____
 containers bags, volume 1,000 lb
 sampling frequency _____, composite / grab _____
 Other sampling information _____

Laboratory analyzing sample _____
 Sample Identification (name / lab code) electroplating sludge 01489-90

- Attach laboratory data sheets to this WAPP.

Waste code determinations:

Listed waste codes _____
 Characteristic waste codes F006
 LDR waste codes _____
 Underlying Hazardous Constituents _____

Proper Shipping Name PO Hazardous waste, solid; N.O.S.
 (aluminum sulfate, metal hydroxides), 9, NA 3077, PG II, (F006)

Reportable Quantity 10# Constituent Chromium

Emergency response requirements:

Personal protective equipment Rubber gloves, goggles

Other _____

Waste Minimization opportunities : _____

CHAIN OF CUSTODY RECORD

PROJECT NO.	COMPANY <i>General Electric Trans. Div.</i>	SAMPLER <i>L. H. Lopez</i>	
SAMPLE LOCATION/CLIENT ID <i>B03-7 US-1</i>	TIME <i>12:15</i>	CONTROL NO. <i>22922</i>	
SAMPLE DATE <i>12/1/97</i>	BEL. NO.		

1. General Environmental:

Acidity ()	Alkalinity ()
Ammonia as N ()	Bicarbonate ()
BOD-5 ()	Bromide ()
Chloride ()	Chlorine, Res. ()
COD ()	Color (ADMI) ()
Conductivity ()	Color (Pt-Co) ()
Dissolved Oxygen ()	Cyanide ()
Hardness ()	Fluoride ()
Moisture % ()	Iodine ()
Nitrite ()	Nitrate ()
Oil + Grease ()	Nitrate + Nitrite ()
Phenol ()	pH ().....
Phosphorus, Total ()	Phosphate, Ortho ()
Sett. Solids mg/L ()	Sett. Solids mL/L ()
Sulfate ()	Solids, Total ()
Sulfite ()	Sulfide ()
TDS ()	Surfactant ()
Temperature ().....	TSS ()
TOC ()	TKN ()
Asbestos in air ()	Turbidity ()

Relinquished by:

[Signature]
Date/Time: *12/1/97 12:15*

Received by:

[Signature]
Date/Time: *12/1/97 12:15*

Relinquished by:

[Signature]
Date/Time: _____

Received by:

[Signature]
Date/Time: _____

2. Metals

Aluminum (Al) ()	Cadmium (Cd) ()
Chromium (Cr) ()	Copper (Cu) ()
Iron (Fe) ()	Lead (Pb) ()
Manganese (Mn) ()	Mercury (Hg) ()
Nickel (Ni) ()	Selenium (Se) ()
Silver (Ag) ()	Tin (Sn) ()
Zinc (Zn) ()	Arsenic (As) ()
Barium (Ba) ()	Boron (B) ()
Antimony (Sb) ()	Beryllium (Be) ()
Bismuth (Bi) ()	Calcium (Ca) ()
Chromium, VI (CrVI) ()	Cobalt (Co) ()
Magnesium (Mg) ()	Molybdenum (Mo) ()
Potassium (K) ()	Silicon (Si) ()
Sodium (Na) ()	Strontium (Sr) ()
Thallium (Tl) ()	Titanium (Ti) ()
Vanadium (V) ()	

Matrix:

air ()
water ()
sludge ()
soil ()
solid ()
oil ()
mixed ()
other () Specify: *liquid*

Turnaround time:

1 day ()
2 days ()
3 days ()
5 days ()

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders

3. RCRA/Hazardous wastes

Ignitability (Flash Pt.) ()	Corrosivity ()
Reactivity (CN & S) ()	TCLP ()
RCRA Metals ()	Organics-Pest/Herb ()
Organics-BNA ()	Organics-VOA ()
TOX ()	

4. Specific Organics

Volatiles ()	Semi-Volatiles (BNA) ()
Pesticides/PCB's ()	PCB's Only ()
Herbicides ()	TPH/Diesel (TPH/D) ()
BTEX ()	TTO ()
TTO & Dioxin ()	OTHER (Specify) _____ ()

Sample type legend:

grab samples x
composite samples xx

5. Microbiology

Fecal Coliform ()	Total Coliform ()
--------------------	--------------------

Comments:

BECKTON ENVIRONMENTAL LABORATORIES

192 Villa Street ♦ Ponce, PR 00731

Tel.: 809-841-7373 ♦ Fax.: 809-841-7313

Client

GE_CARIBE001897

PROCEDURE FOR FILLING CHAIN OF CUSTODY FORM

[Ref.: Beckton's Environmental Laboratories SOP Number 5.0 adopted on May 24, 1995]

Scope And Application

This procedure is necessary to insure the validity of the data. Due to the evidentiary nature of samples collected during enforcement investigations, possession must be traceable from the time the samples are collected until they are introduced as evidence in legal proceedings.

Definition

According to the USEPA Office of Enforcement and Compliance Monitoring National Enforcement Investigation Center (NEIC) Policies and Procedures, May 1978 and revised on May 1986, a sample is under custody if:

1. it is in your possession, or
2. it is in your view, after being in your possession, or
3. it was in your possession and you locked it up, or
4. it is in a designated secure area.

Possession must be traceable from the time the samples are collected until they are finally disposed.

Procedure for filling chain-of-custody forms

Chain of custody shall be completed using black waterproof ink. The information recorded should include:

Project Number:	A number given to the project, optional.
Company:	The name of the Company. If there are companies with the same name, specify the city (place). Site where samples are obtained or specific project for which samples are collected.
Sampler:	Each sampler is identified.
BEL ID Number:	Laboratory Identification Number unique for each sample and assigned by Beckton.
Control No.:	A number assigned by Beckton for the purpose of sample tracking and invoicing. Customers will utilize this number for determining status of samples.
Date:	A six digit number indicating day of collection, month and the year.
Time:	A four digit number indicating time of collection; military time must be preferably employed. AM and PM should be stated in case normal time is employed.
Sample matrix:	Check appropriate space for the following sample matrix: water; solid; air; sludge, soil, solid, mixed waste, or other. In the event other is selected specify the sample matrix.
Sample type:	Write either an "x" or "xx" in the corresponding space next to the parameter. Sample types: xx- composite; x- grab.
Comments:	Sampler should specify field observations or abnormal conditions. For example: If spilt, trip blanks, field blanks or duplicates samples were taken.
Analysis:	Each parameter to be analyzed should be marked with an "X" or "XX"
Relinquished and received by:	When transferring the possession of samples the individuals relinquishing and receiving will sign, date, and note the time. This record documents sample custody transfer from the sampler, often through another person, to the laboratory. Each signature should be legible. If not legible, print name above signature.

- Note:
- (1) The field sampler is personally responsible for the care and custody of samples collected. As few people as possible should handle samples. When in-site measurement are made, the data are recorded directly in the chain-of-custody. For example: pH, temperature, dissolved oxygen, residual chlorine and flow measurements. If errors are made when completing any of these forms, the error must be crossed out with a single line and initialed and dated by the sampler.
 - (2) Beckton Environmental Laboratories follows SOP's for sampling, preservation and handling of samples. These procedures are of utmost importance if test values are representative of the source sample. Correct analytical methods are always employed.
 - (3) If a sample is found to be toxic (as per appropriate RCRA regulation) it will be returned to the client for proper disposal.
 - (4) The following preservatives must be always employed:
Refrigeration, 4°C for all samples; HNO₃ for trace metals, hardness and radioactivity; NaOH for cyanides; H₂SO₄ for phenolics, ammonia nitrogen, TKN, oil & grease, and phosphorus; Zn Acetate for sulfides. Other parameters are preserved as per appropriate SOP.

U.S. Environmental Protection Agency. NPDES Compliance Evaluation Inspection (MCD-75) Manual, Enforcement Division Office of Water Enforcement, Compliance Branch, Enforcement Division (EN-338), Washington, D.C. EPA January, 1981.

Florida Department of Environmental Protection, Comprehensive QA/QC, 1992.

CHAIN OF CUSTODY RECORD

PROJECT NO.	COMPANY <u>GE. SUAREZ DIAZ</u>	SAMPLER <u>L. Rivera</u>		
SAMPLE LOCATION/CLIENT ID	<u>Filtros de Rad. Picking</u>	TIME	<u>9:00</u>	CONTROL NO. <u>11814</u>
SAMPLE DATE	<u>2-20-97</u>	BEL. NO.	<u>9700922</u>	

1. General Environmental:

Acidity ()	Alkalinity ()
Ammonia as N ()	Bicarbonate ()
BOD-5 ()	Bromide ()
Chloride ()	Chlorine, Res. ()
COD ()	Color (ADMI) ()
Conductivity ()	Color (Pt-Co) ()
Dissolved Oxygen ()	Cyanide ()
Hardness ()	Fluoride ()
Moisture % ()	Iodine ()
Nitrite ()	Nitrate ()
Oil+Grease ()	Nitrate + Nitrite ()
Phenol ()	pH ().....
Phosphorus, Total ()	Phosphate, Ortho ()
Sett. Solids mg/L ()	Sett. Solids mL/L ()
Sulfate ()	Solids, Total ()
Sulfite ()	Sulfide ()
TDS ()	Surfactant ()
Temperature ().....	TSS ()
TOC ()	TKN ()
Asbestos in air ()	Turbidity ()

Relinquished by:

Yancy LeferiaDate/Time: 2/20/97 9:30 a.m.

Received by:

[Signature]Date/Time: 2-20-97 9:30am

Relinquished by:

[Signature]Date/Time: 2-20-97 2:45 p

Received by:

[Signature]Date/Time: 2/20/97 3:00pm

Matrix:

air	()
water	()
sludge	()
soil	()
solid	()
oil	()
mixed	()
other	(X) Specify: <u>FILTR</u>

Turnaround time:

1 day	()
2 days	()
3 days	()
5 days	()

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders

Sample type legend:

grab samples	x
composite samples	xx

2. Metals

Aluminum (Al) ()	Cadmium (Cd) ()
Chromium (Cr) ()	Copper (Cu) ()
Iron (Fe) ()	Lead (Pb) ()
Manganese (Mn) ()	Mercury (Hg) ()
Nickel (Ni) ()	Selenium (Se) ()
Silver (Ag) ()	Tin (Sn) ()
Zinc (Zn) ()	Arsenic (As) ()
Barium (Ba) ()	Boron (B) ()
Antimony (Sb) ()	Beryllium (Be) ()
Bismuth (Bi) ()	Calcium (Ca) ()
Chromium, VI (CrVI) ()	Cobalt (Co) ()
Magnesium (Mg) ()	Molybdenum (Mo) ()
Potassium (K) ()	Silicon (Si) ()
Sodium (Na) ()	Strontium (Sr) ()
Thallium (Tl) ()	Titanium (Ti) ()
Vanadium (V) ()	

3. RCRA/Hazardous wastes

Ignitability (Flash Pt.) ()	Corrosivity ()
Reactivity (CN & S) ()	TCLP <u>W/CHL</u> (X)
RCRA Metals (X)	Organics-Pest/Herb ()
Organics-BNA ()	Organics-VOA ()
TOX ()	

4. Specific Organics

Volatiles ()	Semi-Volatiles (BNA) ()
Pesticides/PCB's ()	PCB's Only ()
Herbicides ()	TPH/Diesel (TPH/D) ()
BTEX ()	TTO ()
TTO & Dioxin ()	OTHER (Specifv) ()

5. Microbiology

Fecal Coliform ()	Total Coliform ()
--------------------	--------------------

Comments: Field Blank - 9700923Field Blank 9700924

BECKTON ENVIRONMENTAL LABORATORIES

192 Villa Street ♦ Ponce, PR 00731

Tel.: 809-841-7373 ♦ Fax.: 809-841-7313

Original

GE_CARIBE001899

PROCEDURE FOR FILLING CHAIN OF CUSTODY FORM

[Ref.: Beckton's Environmental Laboratories SOP Number 5.0 adopted on May 24, 1995]

Scope And Application

This procedure is necessary to insure the validity of the data. Due to the evidentiary nature of samples collected during enforcement investigations, possession must be traceable from the time the samples are collected until they are introduced as evidence in legal proceedings.

Definition

According to the USEPA Office of Enforcement and Compliance Monitoring National Enforcement Investigation Center (NEIC) Policies and Procedures, May 1978 and revised on May 1986, a sample is under custody if:

1. it is in your possession, or
2. it is in your view, after being in your possession, or
3. it was in your possession and you locked it up, or
4. it is in a designated secure area.

Possession must be traceable from the time the samples are collected until they are finally disposed.

Procedure for filling chain-of-custody forms

Chain of custody shall be completed using black waterproof ink. The information recorded should include:

Project Number:	A number given to the project, optional.
Company:	The name of the Company. If there companies with the same name, specified the city (place). Site were samples are obtained or specific project for which samples are collected.
Sampler:	Each sampler is identified.
BEL ID Number:	Laboratory Identification Number unique for each sample and assigned by Beckton.
Control No.:	A number assigned by Beckton for the purpose of sample tracking and invoicing. Customers will utilize this number for determining status of samples.
Date:	A six digit number indicating day of collection, month and the year.
Time:	A four digit number indicating time of collection; military time must be preferably employed. AM and PM should be stated in case normal time is employed.
Sample matrix:	Check appropriate space for the following sample matrix: water; solid; air; sludge; soil, solid, mixed waste, or other. In the event other is selected specify the sample matrix.
Sample type:	Write either an "x" or "xx" in the corresponding space next to the parameter. Sample types: xx- composite; x- grab.
Comments:	Sampler should specify field observations or abnormal conditions. For example: If spilt, trip blanks, field blanks or duplicates samples were taken.
Analysis:	Each parameter to be analyzed should be marked with an "X" or "XX"
Relinquished and received by:	When transferring the possession of samples the individuals relinquishing and receiving will sign, date, and note the time. This record documents sample custody transfer from the sampler, often through another person, to the laboratory. Each signature should be legible. If not legible, print name above signature.

- Note:**
- (1) The field sampler is personally responsible for the care and custody of samples collected. As few people as possible should handle samples. When in-site measurement are made, the data are recorded directly in the chain-of-custody. For example: pH, temperature, dissolved oxygen, residual chlorine and flow measurements. If errors are made when completing any of these forms, the error must be crossed out with a single line and initialed and dated by the sampler.
 - (2) Beckton Environmental Laboratories follows SOP's for sampling, preservation and handling of samples. These procedures are of utmost importance if test values are representative of the source sample. Correct analytical methods are always employed.
 - (3) If a sample is found to be toxic (as per appropriate RCRA regulation) it will be returned to the client for proper disposal.
 - (4) The following preservatives must be always employed:
Refrigeration, 4°C for all samples; HNO₃ for trace metals, hardness and radioactivity; NaOH for cyanides; H₂SO₄ for phenolics, ammonia nitrogen, TKN, oil & grease, and phosphorus; Zn Acetate for sulfides. Other parameters are preserved as per appropriate SOP.

U.S. Environmental Protection Agency. NPDES Compliance Evaluation Inspection (MCD-75) Manual, Enforcement Division Office of Water Enforcement, Compliance Branch, Enforcement Division (EN-338), Washington, D.C. EPA January, 1981.

Florida Department of Environmental Protection, Comprehensive QA/QC, 1992.

CHAIN OF CUSTODY RECORD

PROJECT NO.	COMPANY <u>G-E JUAN DIAZ</u>	SAMPLER <u>N. TEKEIRA</u>
SAMPLE LOCATION/CLIENT ID	<u>FUSILES</u>	TIME <u>9:45</u>
SAMPLE DATE	<u>2-20-97</u>	BEL. NO. <u>9700916</u>
		CONTROL NO. <u>11818</u>

1. General Environmental:

Acidity	()	Alkalinity	()
Ammonia as N	()	Bicarbonate	()
BOD-5	()	Bromide	()
Chloride	()	Chlorine, Res.	()
COD	()	Color (ADMI)	()
Conductivity	()	Color (Pt-Co)	()
Dissolved Oxygen	()	Cyanide	()
Hardness	()	Fluoride	()
Moisture %	()	Iodine	()
Nitrite	()	Nitrate	()
Oil + Grease	()	Nitrate + Nitrite	()
Phenol	()	pH	().....
Phosphorus, Total	()	Phosphate, Ortho	()
Sett. Solids mg/L	()	Sett. Solids mL/L	()
Sulfate	()	Solids, Total	()
Sulfite	()	Sulfide	()
TDS	()	Surfactant	()
Temperature	().....	TSS	()
TOC	()	TKN	()
Asbestos in air	()	Turbidity	()

Relinquished by:

Nancy Teixeira
 Date/Time: 2/20/97 9:30 a.m.

Received by:

[Signature]
 Date/Time: 2-20-97 - 9:45a

Relinquished by:

[Signature]
 Date/Time: 2-20-97 - 2:30p

Received by:

[Signature]
 Date/Time: 2/20/97 3:00pm

Matrix:

air ()
 water ()
 sludge ()
 soil ()
 solid ()
 oil ()
 mixed ()
 other () Specify: Fusiles

Turnaround time:

1 day ()
 2 days ()
 3 days ()
 5 days ()

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders

Sample type legend:

grab samples x
 composite samples xx

2. Metals

Aluminum	(Al)	()	Cadmium	(Cd)	()
Chromium	(Cr)	()	Copper	(Cu)	()
Iron	(Fe)	()	Lead	(Pb)	(X)
Manganese	(Mn)	()	Mercury	(Hg)	()
Nickel	(Ni)	()	Selenium	(Se)	()
Silver	(Ag)	()	Tin	(Sn)	()
Zinc	(Zn)	()	Arsenic	(As)	()
Barium	(Ba)	()	Boron	(B)	()
Antimony	(Sb)	()	Beryllium	(Be)	()
Bismuth	(Bi)	()	Calcium	(Ca)	()
Chromium, VI	(CrVI)	()	Cobalt	(Co)	()
Magnesium	(Mg)	()	Molybdenum	(Mo)	()
Potassium	(K)	()	Silicon	(Si)	()
Sodium	(Na)	()	Strontium	(Sr)	()
Thallium	(Tl)	()	Titanium	(Ti)	()
Vanadium	(V)	()			

3. RCRA/Hazardous wastes

Ignitability (Flash Pt.)	()	Corrosivity	()
Reactivity (CN & S)	()	TCLP	()
RCRA Metals	()	Organics-Pest/Herb	()
Organics-BNA	()	Organics-VOA	()
TOX	()		

4. Specific Organics

Volatiles	()	Semi-Volatiles (BNA)	()
Pesticides/PCB's	()	PCB's Only	()
Herbicides	()	TPH/Diesel (TPH/D)	()
BTEX	()	TTO	()
TTO & Dioxin	()	OTHER (Specify)	()

5. Microbiology

Fecal Coliform	()	Total Coliform	()
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Comments: For TCIP

BECKTON ENVIRONMENTAL LABORATORIES

192 Villa Street ♦ Ponce, PR 00731

Tel.: 809-841-7373 ♦ Fax.: 809-841-7313

Original

GE_CARIBE001901

PROCEDURE FOR FILLING CHAIN OF CUSTODY FORM

[Ref.: Beckton's Environmental Laboratories SOP Number 5.0 adopted on May 24, 1995]

Scope And Application

This procedure is necessary to insure the validity of the data. Due to the evidentiary nature of samples collected during enforcement investigations, possession must be traceable from the time the samples are collected until they are introduced as evidence in legal proceedings.

Definition

According to the USEPA Office of Enforcement and Compliance Monitoring National Enforcement Investigation Center (NEIC) Policies and Procedures, May 1978 and revised on May 1986, a sample is under custody if:

1. it is in your possession, or
2. it is in your view, after being in your possession, or
3. it was in your possession and you locked it up, or
4. it is in a designated secure area.

Possession must be traceable from the time the samples are collected until they are finally disposed.

Procedure for filling chain-of-custody forms

Chain of custody shall be completed using black waterproof ink. The information recorded should include:

Project Number:	A number given to the project, optional.
Company:	The name of the Company. If there are companies with the same name, specify the city (place). Site where samples are obtained or specific project for which samples are collected.
Sampler:	Each sampler is identified.
BEL ID Number:	Laboratory Identification Number unique for each sample and assigned by Beckton.
Control No.:	A number assigned by Beckton for the purpose of sample tracking and invoicing. Customers will utilize this number for determining status of samples.
Date:	A six digit number indicating day of collection, month and the year.
Time:	A four digit number indicating time of collection; military time must be preferably employed. AM and PM should be stated in case normal time is employed.
Sample matrix:	Check appropriate space for the following sample matrix: water; solid; air; sludge, soil, solid, mixed waste, or other. In the event other is selected specify the sample matrix.
Sample type:	Write either an "x" or "xx" in the corresponding space next to the parameter. Sample types: xx- composite; x- grab.
Comments:	Sampler should specify field observations or abnormal conditions. For example: If spilt, trip blanks, field blanks or duplicates samples were taken.
Analysis:	Each parameter to be analyzed should be marked with an "X" or "XX".
Relinquished and received by:	When transferring the possession of samples the individuals relinquishing and receiving will sign, date, and note the time. This record documents sample custody transfer from the sampler, often through another person, to the laboratory. Each signature should be legible. If not legible, print name above signature.

- Note:
- (1) The field sampler is personally responsible for the care and custody of samples collected. As few people as possible should handle samples. When in-site measurement are made, the data are recorded directly in the chain-of-custody. For example: pH, temperature, dissolved oxygen, residual chlorine and flow measurements. If errors are made when completing any of these forms, the error must be crossed out with a single line and initialed and dated by the sampler.
 - (2) Beckton Environmental Laboratories follows SOP's for sampling, preservation and handling of samples. These procedures are of utmost importance if test values are representative of the source sample. Correct analytical methods are always employed.
 - (3) If a sample is found to be toxic (as per appropriate RCRA regulation) it will be returned to the client for proper disposal.
 - (4) The following preservatives must be always employed:
Refrigeration, 4°C for all samples; HNO₃ for trace metals, hardness and radioactivity; NaOH for cyanides; H₂SO₄ for phenolics, ammonia nitrogen, TKN, oil & grease, and phosphorus; Zn Acetate for sulfides. Other parameters are preserved as per appropriate SOP.

U.S. Environmental Protection Agency. NPDES Compliance Evaluation Inspection (MCD-75) Manual. Enforcement Division Office of Water Enforcement, Compliance Branch, Enforcement Division (EN-338), Washington, D.C. EPA January, 1981.

Florida Department of Environmental Protection, Comprehensive QA/QC, 1992.

CHAIN OF CUSTODY RECORD

PROJECT NO.	COMPANY <u>G.E. Suarez Diaz</u>	SAMPLER <u>L. Rona</u>	
SAMPLE LOCATION/CLIENT ID	<u>Filtro de Tuel Room</u>	TIME	<u>9:10 AM</u>
SAMPLE DATE	<u>2-20-97</u>	BEL. NO.	<u>970915</u>
		CONTROL NO. <u>11815</u>	

1. General Environmental:

Acidity ()	Alkalinity ()
Ammonia as N ()	Bicarbonate ()
BOD-5 ()	Bromide ()
Chloride ()	Chlorine, Res. ()
COD ()	Color (ADMI) ()
Conductivity ()	Color (Pt-Co) ()
Dissolved Oxygen ()	Cyanide ()
Hardness ()	Fluoride ()
Moisture % ()	Iodine ()
Nitrite ()	Nitrate ()
Oil + Grease ()	Nitrate + Nitrite ()
Phenol ()	pH ().....
Phosphorus, Total ()	Phosphate, Ortho ()
Sett. Solids mg/L ()	Sett. Solids mL/L ()
Sulfate ()	Solids, Total ()
Sulfite ()	Sulfide ()
TDS ()	Surfactant ()
Temperature ().....	TSS ()
TOC ()	TKN ()
Asbestos in air ()	Turbidity ()

Relinquished by:

Garry L. SepuraDate/Time: 2/20/97 9:30 a.m.

Received by:

L. RonaDate/Time: 2-20-97 - 9:30 AM

Relinquished by:

L. RonaDate/Time: 2-20-97 - 2:30 PM

Received by:

B. RostaínDate/Time: 2/20/97 3:00 PM

Matrix:

air	()
water	()
sludge	()
soil	()
solid	()
oil	()
mixed	()
other	(<u>X</u>) Specify: <u>Filtro</u>

Turnaround time:

1 day	()
2 days	()
3 days	()
5 days	()

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders

Sample type legend:

grab samples	X
composite samples	XX

2. Metals

Aluminum (Al) ()	Cadmium (Cd) ()
Chromium (Cr) ()	Copper (Cu) ()
Iron (Fe) ()	Lead (Pb) ()
Manganese (Mn) ()	Mercury (Hg) ()
Nickel (Ni) ()	Selenium (Se) ()
Silver (Ag) ()	Tin (Sn) ()
Zinc (Zn) ()	Arsenic (As) ()
Barium (Ba) ()	Boron (B) ()
Antimony (Sb) ()	Beryllium (Be) ()
Bismuth (Bi) ()	Calcium (Ca) ()
Chromium, VI (CrVI) ()	Cobalt (Co) ()
Magnesium (Mg) ()	Molybdenum (Mo) ()
Potassium (K) ()	Silicon (Si) ()
Sodium (Na) ()	Strontium (Sr) ()
Thallium (Tl) ()	Titanium (Ti) ()
Vanadium (V) ()	

3. RCRA/Hazardous wastes

Ignitability (Flash Pt.) ()	Corrosivity ()
Reactivity (CN & S) ()	TCLP ()
RCRA Metals (<u>X</u>)	Organics-Pest/Herb ()
Organics-BNA ()	Organics-VOA ()
TOX ()	

4. Specific Organics

Volatiles ()	Semi-Volatiles (BNA) ()
Pesticides/PCB's ()	PCB's Only ()
Herbicides ()	TPH/Diesel (TPH/D) ()
BTEX ()	TTO ()
TTO & Dioxin ()	OTHER (Specify) _____ ()

5. Microbiology

Fecal Coliform ()	Total Coliform ()
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Comments:

BECKTON ENVIRONMENTAL LABORATORIES

192 Villa Street ♦ Ponce, PR 00731

Tel.: 809-841-7373 ♦ Fax.: 809-841-7313

Original

GE_CARIBE001903

PROCEDURE FOR FILLING CHAIN OF CUSTODY FORM

[Ref.: Beckton's Environmental Laboratories SOP Number 5.0 adopted on May 24, 1995]

Scope And Application

This procedure is necessary to insure the validity of the data. Due to the evidentiary nature of samples collected during enforcement investigations, possession must be traceable from the time the samples are collected until they are introduced as evidence in legal proceedings.

Definition

According to the USEPA Office of Enforcement and Compliance Monitoring National Enforcement Investigation Center (NEIC) Policies and Procedures, May 1978 and revised on May 1986, a sample is under custody if:

1. it is in your possession, or
2. it is in your view, after being in your possession, or
3. it was in your possession and you locked it up, or
4. it is in a designated secure area.

Possession must be traceable from the time the samples are collected until they are finally disposed.

Procedure for filling chain-of-custody forms

Chain of custody shall be completed using black waterproof ink. The information recorded should include:

Project Number:

A number given to the project, optional.

Company:

The name of the Company. If there are companies with the same name, specify the city (place). Site where samples are obtained or specific project for which samples are collected.

Sampler:

Each sampler is identified.

BEL ID Number:

Laboratory Identification Number unique for each sample and assigned by Beckton.

Control No.:

A number assigned by Beckton for the purpose of sample tracking and invoicing. Customers will utilize this number for determining status of samples.

Date:

A six digit number indicating day of collection, month and the year.

Time:

A four digit number indicating time of collection; military time must be preferably employed. AM and PM should be stated in case normal time is employed.

Sample matrix:

Check appropriate space for the following sample matrix: water; solid; air; sludge, soil, solid, mixed waste, or other. In the event other is selected specify the sample matrix.

Sample type:

Write either an "x" or "xx" in the corresponding space next to the parameter. Sample types: xx- composite; x- grab.

Comments:

Sampler should specify field observations or abnormal conditions. For example: If spilt, trip blanks, field blanks or duplicates samples were taken.

Analysis:

Each parameter to be analyzed should be marked with an "X" or "XX".

Relinquished and received by:

When transferring the possession of samples the individuals relinquishing and receiving will sign, date, and note the time. This record documents sample custody transfer from the sampler, often through another person, to the laboratory. Each signature should be legible. If not legible, print name above signature.

Note:

- (1) The field sampler is personally responsible for the care and custody of samples collected. As few people as possible should handle samples. When in-site measurement are made, the data are recorded directly in the chain-of-custody. For example: pH, temperature, dissolved oxygen, residual chlorine and flow measurements. If errors are made when completing any of these forms, the error must be crossed out with a single line and initialed and dated by the sampler.
- (2) Beckton Environmental Laboratories follows SOP's for sampling, preservation and handling of samples. These procedures are of utmost importance if test values are representative of the source sample. Correct analytical methods are always employed.
- (3) If a sample is found to be toxic (as per appropriate RCRA regulation) it will be returned to the client for proper disposal.
- (4) The following preservatives must be always employed:
Refrigeration, 4°C for all samples; HNO₃ for trace metals, hardness and radioactivity; NaOH for cyanides; H₂SO₄ for phenolics, ammonia nitrogen, TKN, oil & grease, and phosphorus; Zn Acetate for sulfides. Other parameters are preserved as per appropriate SOP.

U.S. Environmental Protection Agency. NPDES Compliance Evaluation Inspection (MCD-75) Manual, Enforcement Division Office of Water Enforcement, Compliance Branch, Enforcement Division (EN-338), Washington, D.C. EPA January, 1981.

Florida Department of Environmental Protection, Comprehensive QA/QC, 1992.

CHAIN OF CUSTODY RECORD

PROJECT NO.	COMPANY <u>G.E. JUAN DIAZ</u>	SAMPLER <u>L. Rivera</u>		
SAMPLE LOCATION/CLIENT ID	<u>finca de Montiniminto</u>	TIME	<u>8:40</u>	CONTROL NO. <u>11813</u>
SAMPLE DATE	<u>2-20-97</u>	BEL. NO.	<u>9700918</u>	

1. General Environmental:

Acidity ()	Alkalinity ()
Ammonia as N ()	Bicarbonate ()
BOD-5 ()	Bromide ()
Chloride ()	Chlorine, Res. ()
COD ()	Color (ADMI) ()
Conductivity ()	Color (Pt-Co) ()
Dissolved Oxygen ()	Cyanide ()
Hardness ()	Fluoride ()
Moisture % ()	Iodine ()
Nitrite ()	Nitrate ()
Oil+Grease ()	Nitrate + Nitrite ()
Phenol ()	pH ()
Phosphorus, Total ()	Phosphate, Ortho ()
Sett. Solids mg/L ()	Sett. Solids mL/L ()
Sulfate ()	Solids, Total ()
Sulfite ()	Sulfide ()
TDS ()	Surfactant ()
Temperature ()	TSS ()
TOC ()	TKN ()
Asbestos in air ()	Turbidity ()

Relinquished by:

Yancy LefuriaDate/Time: 2/20/97 9:30 a.m.

Received by:

[Signature]Date/Time: 2-20-97-9:30 a.m.

Relinquished by:

[Signature]Date/Time: 2-20-97-2:00 pm

Received by:

[Signature]Date/Time: 2/20/97 3:00pm

Matrix:

air	()
water	()
sludge	(X)
soil	()
solid	()
oil	()
mixed	()
other	() Specify: _____

Turnaround time:

1 day	()
2 days	()
3 days	()
5 days	()

Note: normal turnaround time is ten (10) working

days; additional charges apply for rush

orders

Sample type legend:

grab samples	x
composite samples	xx

2. Metals

Aluminum (Al) ()	Cadmium (Cd) ()
Chromium (Cr) ()	Copper (Cu) ()
Iron (Fe) ()	Lead (Pb) ()
Manganese (Mn) ()	Mercury (Hg) ()
Nickel (Ni) ()	Selenium (Se) ()
Silver (Ag) ()	Tin (Sn) ()
Zinc (Zn) ()	Arsenic (As) ()
Barium (Ba) ()	Boron (B) ()
Antimony (Sb) ()	Beryllium (Be) ()
Bismuth (Bi) ()	Calcium (Ca) ()
Chromium, VI (CrVI) ()	Cobalt (Co) ()
Magnesium (Mg) ()	Molybdenum (Mo) ()
Potassium (K) ()	Silicon (Si) ()
Sodium (Na) ()	Strontium (Sr) ()
Thallium (Tl) ()	Titanium (Ti) ()
Vanadium (V) ()	

3. RCRA/Hazardous wastes

Ignitability (Flash Pt.) ()	Corrosivity ()
Reactivity (CN & S) ()	TCLP ()
RCRA Metals (X)	Organics-Pest/Herb ()
Organics-BNA ()	Organics-VOA ()
TOX ()	

4. Specific Organics

Volatiles ()	Semi-Volatiles (BNA) ()
Pesticides/PCB's ()	PCB's Only ()
Herbicides ()	TPH/Diesel (TPH/D) ()
BTEX ()	TTO ()
TTO & Dioxin ()	OTHER (Specify) ()

5. Microbiology

Fecal Coliform ()	Total Coliform ()
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Comments: _____

BECKTON ENVIRONMENTAL LABORATORIES

192 Villa Street ♦ Ponce, PR 00731

Tel.: 809-841-7373 ♦ Fax.: 809-841-7313

Original

GE_CARIBE001905

PROCEDURE FOR FILLING CHAIN OF CUSTODY FORM

[Ref.: Beckton's Environmental Laboratories SOP Number 5.0 adopted on May 24, 1995]

Scope And Application

This procedure is necessary to insure the validity of the data. Due to the evidentiary nature of samples collected during enforcement investigations, possession must be traceable from the time the samples are collected until they are introduced as evidence in legal proceedings.

Definition

According to the USEPA Office of Enforcement and Compliance Monitoring National Enforcement Investigation Center (NEIC) Policies and Procedures, May 1978 and revised on May 1986, a sample is under custody if:

1. it is in your possession, or
2. it is in your view, after being in your possession, or
3. it was in your possession and you locked it up, or
4. it is in a designated secure area.

Possession must be traceable from the time the samples are collected until they are finally disposed.

Procedure for filling chain-of-custody forms

Chain of custody shall be completed using black waterproof ink. The information recorded should include:

Project Number:	A number given to the project, optional.
Company:	The name of the Company. If there are companies with the same name, specify the city (place). Site where samples are obtained or specific project for which samples are collected.
Sampler:	Each sampler is identified.
BEL ID Number:	Laboratory Identification Number unique for each sample and assigned by Beckton.
Control No.:	A number assigned by Beckton for the purpose of sample tracking and invoicing. Customers will utilize this number for determining status of samples.
Date:	A six digit number indicating day of collection, month and the year.
Time:	A four digit number indicating time of collection; military time must be preferably employed. AM and PM should be stated in case normal time is employed.
Sample matrix:	Check appropriate space for the following sample matrix: water; solid; air; sludge, soil, solid, mixed waste, or other. In the event other is selected specify the sample matrix.
Sample type:	Write either an "x" or "xx" in the corresponding space next to the parameter. Sample types: xx- composite; x- grab.
Comments:	Sampler should specify field observations or abnormal conditions. For example: If spilt, trip blanks, field blanks or duplicate samples were taken.
Analysis:	Each parameter to be analyzed should be marked with an "X" or "XX"
Relinquished and received by:	When transferring the possession of samples the individuals relinquishing and receiving will sign, date, and note the time. This record documents sample custody transfer from the sampler, often through another person, to the laboratory. Each signature should be legible. If not legible, print name above signature.

- Note: (1) The field sampler is personally responsible for the care and custody of samples collected. As few people as possible should handle samples. When in-site measurement are made, the data are recorded directly in the chain-of-custody. For example: pH, temperature, dissolved oxygen, residual chlorine and flow measurements. If errors are made when completing any of these forms, the error must be crossed out with a single line and initialed and dated by the sampler.
- (2) Beckton Environmental Laboratories follows SOP's for sampling, preservation and handling of samples. These procedures are of utmost importance if test values are representative of the source sample. Correct analytical methods are always employed.
- (3) If a sample is found to be toxic (as per appropriate RCRA regulation) it will be returned to the client for proper disposal.
- (4) The following preservatives must be always employed:
Refrigeration, 4°C for all samples; HNO₃ for trace metals, hardness and radioactivity; NaOH for cyanides; H₂SO₄ for phenolics, ammonia nitrogen, TKN, oil & grease, and phosphorus; Zn Acetate for sulfides. Other parameters are preserved as per appropriate SOP.

U.S. Environmental Protection Agency. NPDES Compliance Evaluation Inspection (MCD-75) Manual, Enforcement Division Office of Water Enforcement, Compliance Branch, Enforcement Division (EN-338), Washington, D.C. EPA January, 1981.

Florida Department of Environmental Protection, Comprehensive QA/QC, 1992.

CHAIN OF CUSTODY RECORD

PROJECT NO.	COMPANY <i>GE. JUANA DIAZ</i>	SAMPLER <i>Nancy Teixeira</i>		
SAMPLE LOCATION/CLIENT ID <i>Molding Compound</i>	TIME <i>5:10</i>	CONTROL NO. <i>11812</i>		
SAMPLE DATE <i>2-20-97</i>	BEL. NO. <i>9700919</i>			

1. General Environmental:

Acidity	()	Alkalinity	()
Ammonia as N	()	Bicarbonate	()
BOD-5	()	Bromide	()
Chloride	()	Chlorine, Res.	()
COD	()	Color (ADMI)	()
Conductivity	()	Color (Pt-Co)	()
Dissolved Oxygen	()	Cyanide	()
Hardness	()	Fluoride	()
Moisture %	()	Iodine	()
Nitrite	()	Nitrate	()
Oil + Grease	()	Nitrate + Nitrite	()
Phenol	()	pH	().....
Phosphorus, Total	()	Phosphate, Ortho	()
Sett. Solids mg/L	()	Sett. Solids mL/L	()
Sulfate	()	Solids, Total	()
Sulfite	()	Sulfide	()
TDS	()	Surfactant	()
Temperature	().....	TSS	()
TOC	()	TKN	()
Asbestos in air	()	Turbidity	()

Relinquished by:

*Nancy Teixeira*Date/Time: *2/20/97 9:30 a.m.*

Received by:

*[Signature]*Date/Time: *2-20-97-9:30A*

Relinquished by:

*[Signature]*Date/Time: *2-20-97 - 2:35 p*

Received by:

*[Signature]*Date/Time: *2/20/97 3:00pm*

Matrix:

air	()
water	()
sludge	()
soil	()
solid	()
oil	()
mixed	()
other	(X) Specify <i>ASPA</i>

Turnaround time:

1 day	()
2 days	()
3 days	()
5 days	()

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders

Sample type legend:

grab samples	x
composite samples	xx

2. Metals

Aluminum	(Al)	()	Cadmium	(Cd)	()
Chromium	(Cr)	()	Copper	(Cu)	()
Iron	(Fe)	()	Lead	(Pb)	()
Manganese	(Mn)	()	Mercury	(Hg)	()
Nickel	(Ni)	()	Selenium	(Se)	()
Silver	(Ag)	()	Tin	(Sn)	()
Zinc	(Zn)	()	Arsenic	(As)	()
Barium	(Ba)	()	Boron	(B)	()
Antimony	(Sb)	()	Beryllium	(Be)	()
Bismuth	(Bi)	()	Calcium	(Ca)	()
Chromium, VI	(CrVI)	()	Cobalt	(Co)	()
Magnesium	(Mg)	()	Molybdenum	(Mo)	()
Potassium	(K)	()	Silicon	(Si)	()
Sodium	(Na)	()	Strontium	(Sr)	()
Thallium	(Tl)	()	Titanium	(Ti)	()
Vanadium	(V)	()			

3. RCRA/Hazardous wastes

Ignitability (Flash Pt.)	()	Corrosivity	()
Reactivity (CN & S)	()	TCLP <i>Benzene</i>	(X)
RCRA Metals	(X)	Organics-Pest/Herb	()
Organics-BNA	()	Organics-VOA	()
TOX	()		

4. Specific Organics

Volatiles	()	Semi-Volatiles (BNA)	()
Pesticides/PCB's	()	PCB's Only	()
Herbicides	()	TPH/Diesel (TPH/D)	()
BTEX	()	TTO	()
TTO & Dioxin	()	OTHER (Specify)	()

5. Microbiology

Fecal Coliform	()	Total Coliform	()
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Comments:

BECKTON ENVIRONMENTAL LABORATORIES

192 Villa Street ♦ Ponce, PR 00731

Tel.: 809-841-7373 ♦ Fax.: 809-841-7313

Original

GE_CARIBE001907

PROCEDURE FOR FILLING CHAIN OF CUSTODY FORM

[Ref.: Becton's Environmental Laboratories SOP Number 5.0 adopted on May 24, 1995]

Scope And Application

This procedure is necessary to insure the validity of the data. Due to the evidentiary nature of samples collected during enforcement investigations, possession must be traceable from the time the samples are collected until they are introduced as evidence in legal proceedings.

Definition

According to the USEPA Office of Enforcement and Compliance Monitoring National Enforcement Investigation Center (NEIC) Policies and Procedures, May 1978 and revised on May 1986, a sample is under custody if:

1. it is in your possession, or
2. it is in your view, after being in your possession, or
3. it was in your possession and you locked it up, or
4. it is in a designated secure area.

Possession must be traceable from the time the samples are collected until they are finally disposed.

Procedure for filling chain-of-custody forms

Chain of custody shall be completed using black waterproof ink. The information recorded should include:

Project Number:	A number given to the project, optional.
Company:	The name of the Company. If there are companies with the same name, specify the city (place). Site where samples are obtained or specific project for which samples are collected.
Sampler:	Each sampler is identified.
BEL ID Number:	Laboratory Identification Number unique for each sample and assigned by Becton.
Control No.:	A number assigned by Becton for the purpose of sample tracking and invoicing. Customers will utilize this number for determining status of samples.
Date:	A six digit number indicating day of collection, month and the year.
Time:	A four digit number indicating time of collection; military time must be preferably employed. AM and PM should be stated in case normal time is employed.
Sample matrix:	Check appropriate space for the following sample matrix: water; solid; air; sludge, soil, solid, mixed waste, or other. In the event other is selected specify the sample matrix.
Sample type:	Write either an "x" or "xx" in the corresponding space next to the parameter. Sample types: xx- composite; x- grab.
Comments:	Sampler should specify field observations or abnormal conditions. For example: If spilt, trip blanks, field blanks or duplicates samples were taken.
Analysis:	Each parameter to be analyzed should be marked with an "X" or "XX"
Relinquished and received by:	When transferring the possession of samples the individuals relinquishing and receiving will sign, date, and note the time. This record documents sample custody transfer from the sampler, often through another person, to the laboratory. Each signature should be legible. If not legible, print name above signature.

- Note:
- (1) The field sampler is personally responsible for the care and custody of samples collected. As few people as possible should handle samples. When in-site measurement are made, the data are recorded directly in the chain-of-custody. For example: pH, temperature, dissolved oxygen, residual chlorine and flow measurements. If errors are made when completing any of these forms, the error must be crossed out with a single line and initialed and dated by the sampler.
 - (2) Becton Environmental Laboratories follows SOP's for sampling, preservation and handling of samples. These procedures are of utmost importance if test values are representative of the source sample. Correct analytical methods are always employed.
 - (3) If a sample is found to be toxic (as per appropriate RCRA regulation) it will be returned to the client for proper disposal.
 - (4) The following preservatives must be always employed:
Refrigeration, 4°C for all samples; HNO₃ for trace metals, hardness and radioactivity; NaOH for cyanides; H₂SO₄ for phenolics, ammonia nitrogen, TKN, oil & grease, and phosphorus; Zn Acetate for sulfides. Other parameters are preserved as per appropriate SOP.

U.S. Environmental Protection Agency. NPDES Compliance Evaluation Inspection (MCD-75) Manual, Enforcement Division Office of Water Enforcement, Compliance Branch, Enforcement Division (EN-338), Washington, D.C. EPA January, 1981.

Florida Department of Environmental Protection, Comprehensive QA/QC, 1992.

CHAIN OF CUSTODY RECORD

PROJECT NO.	COMPANY <u>GE SUANA DAZ</u>	SAMPLER <u>N- Texira</u>
SAMPLE LOCATION/CLIENT ID	<u>Muestra # 1</u>	TIME <u>9:00</u>
SAMPLE DATE <u>2-17-97</u>	BEL. NO. <u>970090</u>	CONTROL NO. <u>11817</u>

1. General Environmental:

Acidity ()	Alkalinity ()
Ammonia as N ()	Bicarbonate ()
BOD-5 ()	Bromide ()
Chloride ()	Chlorine, Res. ()
COD ()	Color (ADMI) ()
Conductivity ()	Color (Pt-Co) ()
Dissolved Oxygen ()	Cyanide ()
Hardness ()	Fluoride ()
Moisture % ()	Iodine ()
Nitrite ()	Nitrate ()
Oil + Grease ()	Nitrate + Nitrite ()
Phenol ()	pH ()
Phosphorus, Total ()	Phosphate, Ortho ()
Sett. Solids mg/L ()	Sett. Solids mL/L ()
Sulfate ()	Solids, Total ()
Sulfite ()	Sulfide ()
TDS ()	Surfactant ()
Temperature ()	TSS ()
TOC ()	TKN ()
Asbestos in air ()	Turbidity ()

Relinquished by:

Garry LeferaDate/Time: 2/20/97 9:30 A.M.

Received by:

[Signature]Date/Time: 2-20-97-9:30A

Relinquished by:

[Signature]Date/Time: 2-20-97-2:40 PM

Received by:

[Signature]Date/Time: 2/20/97 3:00 PM

Matrix:

air	()
water	()
sludge	()
soil	()
solid	()
oil	()
mixed	()
other	(<input checked="" type="checkbox"/>) Specify: <u>Sludge</u>

Turnaround time:

1 day	()
2 days	()
3 days	()
5 days	()

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders

2. Metals

Aluminum (Al) ()	Cadmium (Cd) ()
Chromium (Cr) ()	Copper (Cu) ()
Iron (Fe) ()	Lead (Pb) ()
Manganese (Mn) ()	Mercury (Hg) ()
Nickel (Ni) ()	Selenium (Se) ()
Silver (Ag) ()	Tin (Sn) ()
Zinc (Zn) ()	Arsenic (As) ()
Barium (Ba) ()	Boron (B) ()
Antimony (Sb) ()	Beryllium (Be) ()
Bismuth (Bi) ()	Calcium (Ca) ()
Chromium, VI (CrVI) ()	Cobalt (Co) ()
Magnesium (Mg) ()	Molybdenum (Mo) ()
Potassium (K) ()	Silicon (Si) ()
Sodium (Na) ()	Strontium (Sr) ()
Thallium (Tl) ()	Titanium (Ti) ()
Vanadium (V) ()	

3. RCRA/Hazardous wastes

Ignitability (Flash Pt.) ()	Corrosivity ()
Reactivity (CN & S) ()	TCLP ()
RCRA Metals ()	Organics-Pest/Herb ()
Organics-BNA ()	Organics-VOA ()
TOX ()	

4. Specific Organics

Volatiles ()	Semi-Volatiles (BNA) ()
Pesticides/PCB's ()	PCB's Only ()
Herbicides ()	TPH/Diesel (TPH/D) ()
BTEX ()	TTO ()
TTO & Dioxin ()	OTHER (Specify) ()

Sample type legend:

grab samples	x
composite samples	xx

5. Microbiology

Fecal Coliform ()	Total Coliform ()
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Comments: Asbestos

BECKTON ENVIRONMENTAL LABORATORIES
192 Villa Street ♦ Ponce, PR 00731
Tel.: 809-841-7373 ♦ Fax.: 809-841-7313

Original

GE_CARIBE001909

PROCEDURE FOR FILLING CHAIN OF CUSTODY FORM

[Ref.: Beckton's Environmental Laboratories SOP Number 5.0 adopted on May 24, 1995]

Scope And Application

This procedure is necessary to insure the validity of the data. Due to the evidentiary nature of samples collected during enforcement investigations, possession must be traceable from the time the samples are collected until they are introduced as evidence in legal proceedings.

Definition

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2. it is in your view, after being in your possession, or
3. it was in your possession and you locked it up, or
4. it is in a designated secure area.

Possession must be traceable from the time the samples are collected until they are finally disposed.

Procedure for filling chain-of-custody forms

Chain of custody shall be completed using black waterproof ink. The information recorded should include:

Project Number:	A number given to the project, optional.
Company:	The name of the Company. If there are companies with the same name, specify the city (place). Site where samples are obtained or specific project for which samples are collected.
Sampler:	Each sampler is identified.
BEL ID Number:	Laboratory Identification Number unique for each sample and assigned by Beckton.
Control No.:	A number assigned by Beckton for the purpose of sample tracking and invoicing. Customers will utilize this number for determining status of samples.
Date:	A six digit number indicating day of collection, month and the year.
Time:	A four digit number indicating time of collection; military time must be preferably employed. AM and PM should be stated in case normal time is employed.
Sample matrix:	Check appropriate space for the following sample matrix: water; solid; air; sludge, soil, solid, mixed waste, or other. In the event other is selected specify the sample matrix.
Sample type:	Write either an "x" or "xx" in the corresponding space next to the parameter. Sample types: xx- composite; x- grab.
Comments:	Sampler should specify field observations or abnormal conditions. For example: If spilt, trip blanks, field blanks or duplicates samples were taken.
Analysis:	Each parameter to be analyzed should be marked with an "X" or "XX"
Relinquished and received by:	When transferring the possession of samples the individuals relinquishing and receiving will sign, date, and note the time. This record documents sample custody transfer from the sampler, often through another person, to the laboratory. Each signature should be legible. If not legible, print name above signature.

- Note:
- (1) The field sampler is personally responsible for the care and custody of samples collected. As few people as possible should handle samples. When in-site measurement are made, the data are recorded directly in the chain-of-custody. For example: pH, temperature, dissolved oxygen, residual chlorine and flow measurements. If errors are made when completing any of these forms, the error must be crossed out with a single line and initialed and dated by the sampler.
 - (2) Beckton Environmental Laboratories follows SOP's for sampling, preservation and handling of samples. These procedures are of utmost importance if test values are representative of the source sample. Correct analytical methods are always employed.
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Refrigeration, 4°C for all samples; HNO₃ for trace metals, hardness and radioactivity; NaOH for cyanides; H₂SO₄ for phenolics, ammonia nitrogen, TKN, oil & grease, and phosphorus; Zn Acetate for sulfides. Other parameters are preserved as per appropriate SOP.

U.S. Environmental Protection Agency. NPDES Compliance Evaluation Inspection (MCD-75) Manual, Enforcement Division Office of Water Enforcement, Compliance Branch, Enforcement Division (EN-338), Washington, D.C. EPA January, 1981.

Florida Department of Environmental Protection, Comprehensive QA/QC, 1992.

CHAIN OF CUSTODY RECORD

PROJECT NO.	COMPANY <u>G.E. SANA DIAZ</u>	SAMPLER <u>N. Pereira</u>	
SAMPLE LOCATION/CLIENT ID	<u>Muestra # 2</u>	TIME	<u>9:00 a</u>
SAMPLE DATE	<u>2-17-97</u>	BEL. NO.	<u>000921</u>
		CONTROL NO. <u>11816</u>	

1. General Environmental:

Acidity ()	Alkalinity ()
Ammonia as N ()	Bicarbonate ()
BOD-5 ()	Bromide ()
Chloride ()	Chlorine, Res. ()
COD ()	Color (ADMI) ()
Conductivity ()	Color (Pt-Co) ()
Dissolved Oxygen ()	Cyanide ()
Hardness ()	Fluoride ()
Moisture % ()	Iodine ()
Nitrite ()	Nitrate ()
Oil + Grease ()	Nitrate + Nitrite ()
Phenol ()	pH ()
Phosphorus, Total ()	Phosphate, Ortho ()
Sett. Solids mg/L ()	Sett. Solids mL/L ()
Sulfate ()	Solids, Total ()
Sulfite ()	Sulfide ()
TDS ()	Surfactant ()
Temperature ()	TSS ()
TOC ()	TKN ()
Asbestos in air ()	Turbidity ()

Relinquished by:

Nancy LefeiraDate/Time: 2/20/97 9:30 a.m.

Received by:

[Signature]Date/Time: 2-20-97-9:30a

Relinquished by:

[Signature]Date/Time: 2-20-97-2:40 p

Received by:

[Signature]Date/Time: 2/20/97 3:00pm

Matrix:

air	()
water	()
sludge	()
soil	()
solid	()
oil	()
mixed	()
other	(x) Specify: <u>Sludge</u>

Turnaround time:

1 day	()
2 days	()
3 days	()
5 days	()

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders

2. Metals

Aluminum (Al) ()	Cadmium (Cd) ()
Chromium (Cr) ()	Copper (Cu) ()
Iron (Fe) ()	Lead (Pb) ()
Manganese (Mn) ()	Mercury (Hg) ()
Nickel (Ni) ()	Selenium (Se) ()
Silver (Ag) ()	Tin (Sn) ()
Zinc (Zn) ()	Arsenic (As) ()
Barium (Ba) ()	Boron (B) ()
Antimony (Sb) ()	Beryllium (Be) ()
Bismuth (Bi) ()	Calcium (Ca) ()
Chromium, VI (CrVI) ()	Cobalt (Co) ()
Magnesium (Mg) ()	Molybdenum (Mo) ()
Potassium (K) ()	Silicon (Si) ()
Sodium (Na) ()	Strontium (Sr) ()
Thallium (Tl) ()	Titanium (Ti) ()
Vanadium (V) ()	

3. RCRA/Hazardous wastes

Ignitability (Flash Pt.) ()	Corrosivity ()
Reactivity (GN & S) ()	TCLP ()
RCRA Metals ()	Organics-Pest/Herb ()
Organics-BNA ()	Organics-VOA ()
TOX ()	

4. Specific Organics

Volatiles ()	Semi-Volatiles (BNA) ()
Pesticides/PCB's ()	PCB's Only ()
Herbicides ()	TPH/Diesel (TPH/D) ()
BTEX ()	TTO ()
TTO & Dioxin ()	OTHER (Specify) ()

Sample type legend:

grab samples	x
composite samples	xx

5. Microbiology

Fecal Coliform ()	Total Coliform ()
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Comments: Asbestos

BECKTON ENVIRONMENTAL LABORATORIES
192 Villa Street ♦ Ponce, PR 00731
Tel.: 809-841-7373 ♦ Fax.: 809-841-7313

Original

GE_CARIBE001911

PROCEDURE FOR FILLING CHAIN OF CUSTODY FORM

[Ref.: Becton's Environmental Laboratories SOP Number 5.0 adopted on May 24, 1995]

Scope And Application

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Definition

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Comments:	Sampler should specify field observations or abnormal conditions. For example: If spilt, trip blanks, field blanks or duplicates samples were taken.
Analysis:	Each parameter to be analyzed should be marked with an "X" or "XX"
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U.S. Environmental Protection Agency. NPDES Compliance Evaluation Inspection (MCD-75) Manual, Enforcement Division Office of Water Enforcement, Compliance Branch, Enforcement Division (EN-338), Washington, D.C. EPA January, 1981.

Florida Department of Environmental Protection, Comprehensive QA/QC, 1992.

CHAIN OF CUSTODY RECORD

PROJECT NO.	COMPANY <u>GE. SUANA DIAZ</u>	SAMPLER <u>L. RIVERA</u>	
SAMPLE LOCATION/CLIENT ID	<u>ACCITE USA 20</u>	TIME	<u>8:15 a</u>
SAMPLE DATE	<u>2-20-97</u>	BEL. NO.	<u>9700925</u>
		CONTROL NO. <u>11811</u>	

1. General Environmental:

Acidity ()	Alkalinity ()
Ammonia as N ()	Bicarbonate ()
BOD-5 ()	Bromide ()
Chloride ()	Chlorine, Res. ()
COD ()	Color (ADMI) ()
Conductivity ()	Color (Pt-Co) ()
Dissolved Oxygen ()	Cyanide ()
Hardness ()	Fluoride ()
Moisture % ()	Iodine ()
Nitrite ()	Nitrate ()
Oil + Grease ()	Nitrate + Nitrite ()
Phenol ()	pH ()
Phosphorus, Total ()	Phosphate, Ortho ()
Sett. Solids mg/L ()	Sett. Solids mL/L ()
Sulfate ()	Solids, Total ()
Sulfite ()	Sulfide ()
TDS ()	Surfactant ()
Temperature ()	TSS ()
TOC ()	TKN ()
Asbestos in air ()	Turbidity ()

Relinquished by:

Garry LefseiraDate/Time: 2/20/97 9:30 a.m.

Received by:

[Signature]Date/Time: 2-20-97 - 9:30 a

Relinquished by:

[Signature]Date/Time: 2-20-97 - 2:45 p

Received by:

[Signature]Date/Time: 2/20/97 3:00pm

2. Metals

Aluminum (Al) ()	Cadmium (Cd) ()
Chromium (Cr) ()	Copper (Cu) ()
Iron (Fe) ()	Lead (Pb) ()
Manganese (Mn) ()	Mercury (Hg) ()
Nickel (Ni) ()	Selenium (Se) ()
Silver (Ag) ()	Tin (Sn) ()
Zinc (Zn) ()	Arsenic (As) ()
Barium (Ba) ()	Boron (B) ()
Antimony (Sb) ()	Beryllium (Be) ()
Bismuth (Bi) ()	Calcium (Ca) ()
Chromium, VI (CrVI) ()	Cobalt (Co) ()
Magnesium (Mg) ()	Molybdenum (Mo) ()
Potassium (K) ()	Silicon (Si) ()
Sodium (Na) ()	Strontium (Sr) ()
Thallium (Tl) ()	Titanium (Ti) ()
Vanadium (V) ()	

Matrix:

air ()
water ()
sludge ()
soil ()
solid ()
oil (X)
mixed ()
other () Specify: _____

Turnaround time:

1 day ()
2 days ()
3 days ()
5 days ()

Note: normal turnaround time is ten (10) working days; additional charges apply for rush orders

3. RCRA/Hazardous wastes

Ignitability (Flash Pt.) ()	Corrosivity ()
Reactivity (QN & S) ()	TCLP Volatiles (X)
RCRA Metals (X)	Organics-Pest/Herb ()
Organics-BNA ()	Organics-VOA ()
TOX (X)	

4. Specific Organics

Volatiles ()	Semi-Volatiles (BNA) ()
Pesticides/PCB's ()	PCB's Only ()
Herbicides ()	TPH/Diesel (TPH/D) ()
BTEX ()	TTO ()
TTO & Dioxin ()	OTHER (Specify) _____ ()

Sample type legend:

grab samples	X
composite samples	XX

5. Microbiology

Fecal Coliform ()	Total Coliform ()
--------------------	--------------------

Comments: Fidd Plan - 9700926T.P.P. Plan - 9700924

BECKTON ENVIRONMENTAL LABORATORIES
192 Villa Street ♦ Ponce, PR 00731
Tel.: 809-841-7373 ♦ Fax.: 809-841-7313

Original

GE_CARIBE001913

PROCEDURE FOR FILLING CHAIN OF CUSTODY FORM

[Ref.: Beckton's Environmental Laboratories SOP Number 5.0 adopted on May 24, 1995]

Scope And Application

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Florida Department of Environmental Protection, Comprehensive QA/QC, 1992.

**CARIBE GE WIRING DEVICES
CALLE CARRION MADURO FINAL
JUANA DIAZ, PR 00795**

May 16, 1996

Lisa Reaves
BFI Corporate Waste Approval Group
(713) 870-7971

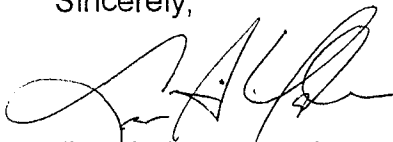
RE: WCD No. AZ6496
BFI No. 240125

Dear Mrs. Reaves

The following is the a confirmation that the waste generated by our former electroplating process did meet the F006 definition as listed in 40 CFR 261.31 Subpart D as requested in your inter-office correspondence letter to Mrs. María Pagán. I hope that with this information you will be able to determine if the waste will be approved for disposition in your Ponce Landfill.

If you need any further information please contact me at (787) 260-5008.

Sincerely,

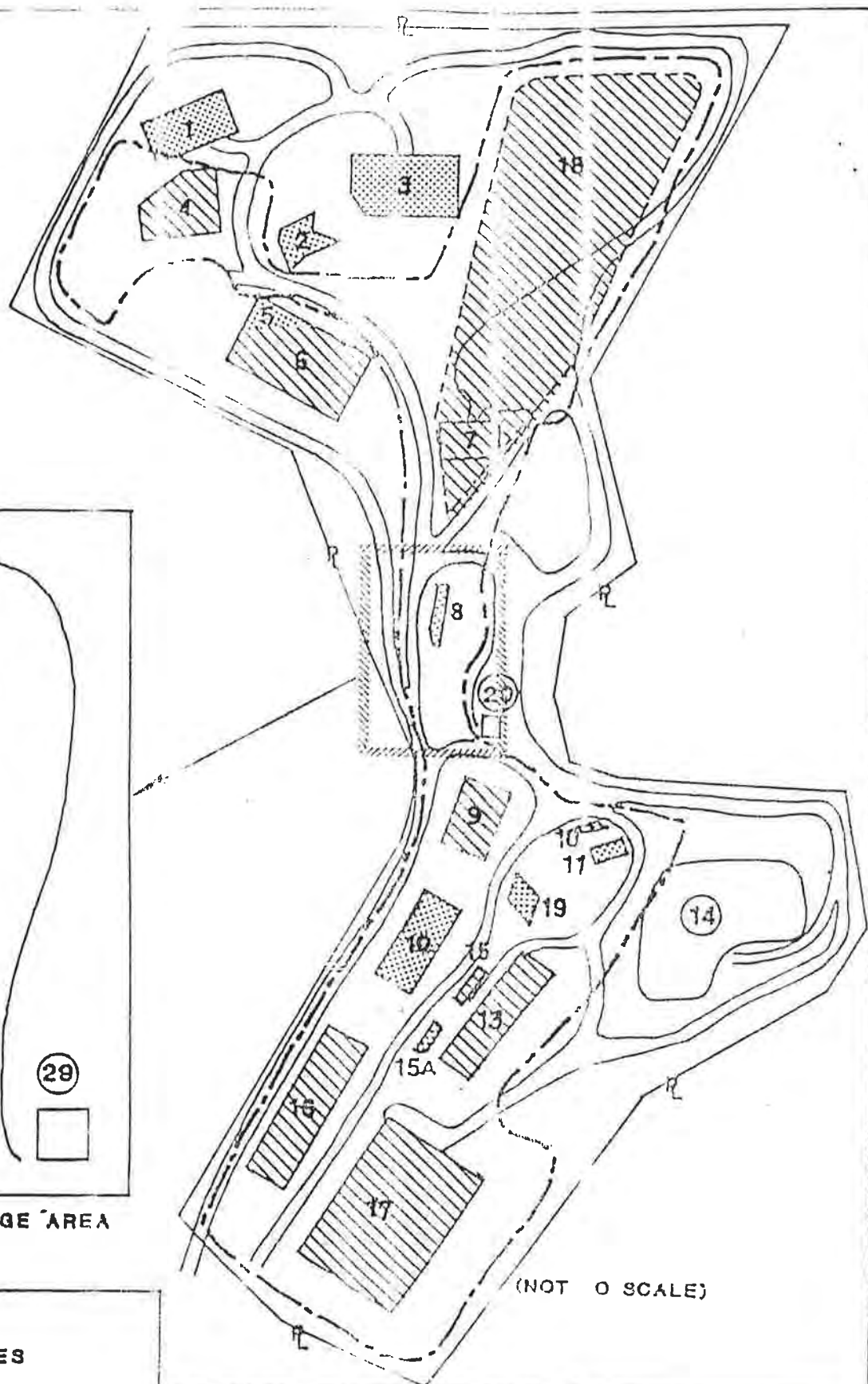


Eng. Luis A. Yordán
Environmental, Health and Safety Coordinator

xc: File







Key..... Generator..... Received Date Waste Name..... Quantity.. Disposal Site..... 09:000227

984	GENERAL ELECTRIC INDUSTRIAL PRODUCTS, INC.	12/16/81	FLAMMABLE LIQUID	330 GALS.	TI2
82	GENERAL ELECTRIC CONTROLS	03/29/79	PLATING WASTE SLUDGE	4400 GALS.	
706	GENERAL ELECTRIC CONTROLS, INC.	10/17/80	OIL & SOLVENTS	UNKNOWN	SITE A & B ; BIODEGRADATION
1249	GENERAL ELECTRIC INDUSTRIAL PRODUCTS, INC.	12/16/81	FLAMMABLE SOLID	55 GALS.	TI2
21	GENERAL ELECTRIC CONTROLS, INC.	36/26/78	EFFLUENT SLUDGE	8800 GALS.	
704	GENERAL ELECTRIC CONTROLS, INC.	10/17/80	POINT WASH	UNKNOWN	SITE A & B ; BIODEGRADATION
121	GENERAL ELECTRIC PROTECTIVE DEVICES	06/26/79	ELECTROPLATING SLUDGE	16000 GALS	
400	GENERAL ELECTRIC GEPOL	01/08/80	SLUDGE	9300 GALS	EVAPORATION LAGOON
982	GENERAL ELECTRIC CONTROLS, INC.	12/16/81	FLAMMABLE SOLID	55 GALS.	TI2
702	GENERAL ELECTRIC CONTROLS, INC.	10/10/80	SLUDGE	UNKNOWN	SITE A & B ; BIODEGRADATION
615	GENERAL ELECTRIC CONTROLS	07/10/80	PLATING SLUDGE	UNKNOWN	
986	GENERAL ELECTRIC PILOT DEVICES, INC.	12/16/81	FLAMMABLE SOLID	350 GALS.	TI2
399	GENERAL ELECTRIC GEPOL	01/03/80	SLUDGE	9300 GALS	EVAPORATION LAGOON
981	GENERAL ELECTRIC CONTROLS, INC.	12/16/81	COMBUSTIBLE LIQUID	770 GALS	TI2
703	GENERAL ELECTRIC CONTROLS, INC.	10/10/80	LUBRICATING OILS & SOLVENTS	UNKNOWN	SITE A & B ; BIODEGRADATION
1248	GENERAL ELECTRIC INDUSTRIAL PRODUCTS, INC.	12/16/81	COMBUSTIBLE LIQUID, N.O.S	770 GALS.	TI2
987	GENERAL ELECTRIC PILOT DEVICES, INC.	12/16/81	COMBUSTIBLE LIQUID	330 GALS.	TI2
705	GENERAL ELECTRIC CONTROLS, INC.	10/17/80	PLATING TREATED SLUDGE	UNKNOWN	SITE A & B ; BIODEGRADATION
985	GENERAL ELECTRIC INDUSTRIAL PRODUCTS, INC.	12/16/81	FLAMMABLE SOLID	5 GALS.	TI2
983	GENERAL ELECTRIC INDUSTRIAL PRODUCTS, INC.	12/16/81	COMBUSTIBLE LIQUID	165 GALS.	TI2
1243	GENERAL ELECTRIC INDUSTRIAL PRODUCTS, INC.	12/16/81	COMBUSTIBLE LIQUID, N.O.S	165 GALS.	TI2
417	GENERAL ELECTRIC PROTECTIVE DEVICES	01/24/80	ELECTROPLATING SLUDGE	9300 GALS	
112	★ GENERAL ELECTRIC WIRING DEVICES	06/13/79	ELECTROPLATING SLUDGE	8000 GALS.	
418	GENERAL ELECTRIC PROTECTIVE DEVICES	01/25/80	ELECTROPLATING SLUDGE	9300 GALS	
25	GENERAL ELECTRIC CONTROLS, INC.	07/21/78	PLATING WASTE SLUDGE	4400 GALS.	
145	GENERAL ELECTRIC CONTROLS	08/08/79	OILY SLUDGE PLATING	UNKNOWN	
113	★ GENERAL ELECTRIC WIRING DEVICES	06/14/79	ELECTROPLATING SLUDGE	2500 GALS.	
394	GENERAL ELECTRIC GEPOL	12/27/79	SLUDGE	9300 GALS	
2035	GENERAL ELECTRIC	01/11/84	POLYESTER RESIN	15225 LBS.	AC2
1245	GENERAL ELECTRIC INDUSTRIAL PRODUCTS, INC.	12/16/81	FLAMMABLE SOLID	275 GALS.	TI2
47	GENERAL ELECTRIC CONTROLS, INC.	11/24/78	PLATING WASTE SLUDGE	4400 GALS.	
395	GENERAL ELECTRIC GEPOL	12/28/79	SLUDGE	9300 GALS	
1244	GENERAL ELECTRIC INDUSTRIAL PRODUCTS, INC.	12/16/81	FLAMMABLE LIQUID	330 GALS.	TI2
763	GENERAL ELECTRIC CONTROLS	12/03/80	SPENT SOLVENTS	UNKNOWN	
1247	GENERAL ELECTRIC INDUSTRIAL PRODUCTS, INC.	12/16/81	COMBUSTIBLE LIQUID, N.O.S	330 GALS.	TI2
179	GENERAL ELECTRIC CONTROLS	10/04/79	SLUDGE	4400 GALS.	LANDFILL
396	GENERAL ELECTRIC GEPOL	12/31/79	SLUDGE	9300 GALS	EVAPORATION LAGOON
762	GENERAL ELECTRIC CONTROLS	12/03/80	WASTE WATER TREATMENT SLUDGE	UNKNOWN	
148	GENERAL ELECTRIC CONTROLS	08/10/79	OILY SLUDGE PLATING	UNKNOWN	
1246	GENERAL ELECTRIC INDUSTRIAL PRODUCTS, INC.	12/16/81	FLAMMABLE SOLID	350 GALS.	TI2
182	GENERAL ELECTRIC CONTROLS	10/08/79	SLUDGE	4400 GALS.	LANDFILL



PROPOSED DRUM STORAGE AREA
AND TANK FARM
SCALE 1" = 100'

BY:

-  EXISTING FACILITIES
 PROPOSED FACILITIES
 FACILITIES TO BE CLOSED
 UNDER PART 205
 NON REGULATED FACILITIES
 RCRA REGULATED FACILITIES
 WASTE MANAGEMENT AREA

PROTECCION TECNICA ECOLOGICA CORP.
(PROTECO)

FACILITY DRAWING

GE_CARIBE001917

Facility Drawing Legend

1. Drum Burial Landfill #1 (Cavidad 1C)
2. Drum Burial Landfill #2 (General Electric)
3. Drum Burial Landfill #3 ()
4. Drum Storage Area (A1)
5. Drum Burial Landfill #5 ()
6. Sanitary Landfill (SL)
7. Neutralization Impoundment (LC)
8. Drum Burial Landfill #8 ()
9. Oil Lagoon (LA)
- ✓10. Immobilization Facility (TI1)
- ✓11. Immobilization Facility (TI2)
12. Land Treatment Area (AC1)
13. Rainwater Basin (LB)
14. Land Treatment Area (AC2)
15. Tank Storage
- 15A. Tank Storage Area
- ✓16. Immobilization Facility (TI3)
17. Neutralization Impoundment (LF)
- ~~18. Proposed Immobilization Facility~~
- ~~19. Temporary Drum Storage Area~~
20. Proposed Drum Storage Facility
- ~~21. Proposed Aboveground Corrosives Storage Tank (T1)~~
- ~~22. Proposed Aboveground Acid Storage Tank (T2)~~
- ~~23. Proposed Neutralization Tank (T3)~~
- ~~24. Proposed Aboveground Halogenated Solvents Storage Tank (T4)~~
- ~~25. Proposed Aboveground Non-Halogenated Solvents Storage Tank~~

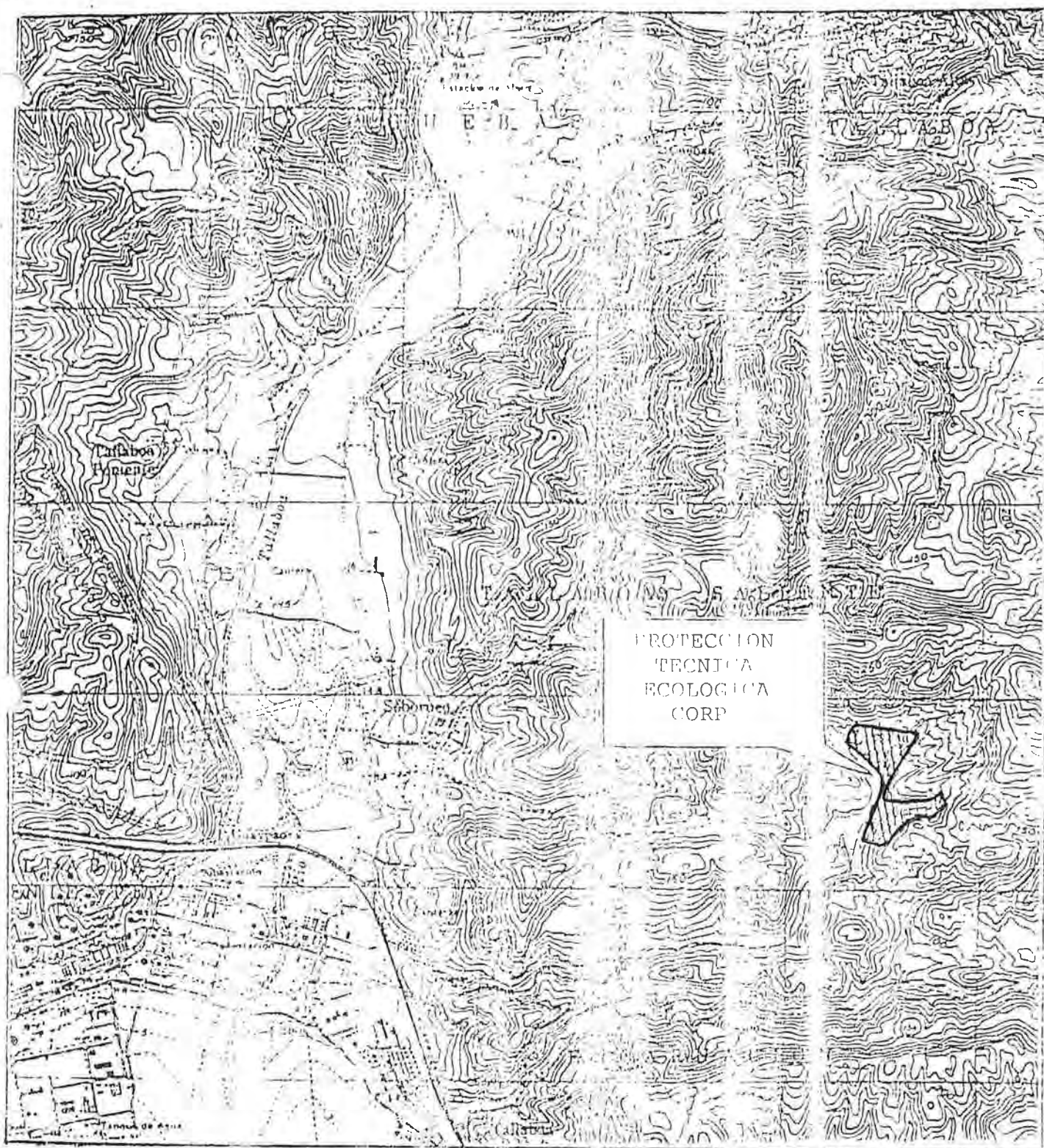
~~26. Proposed Oily Sludge Holding Tank (T6)~~


~~27. Proposed Recyclable Oil Holding Tank (Non-Hazardous)~~

~~28. Proposed Cement Kiln Dust Silos~~

29. Observation Post

* Regulatory status of SL currently in
dispute per 9/27/84 USEPA Complaint




 PUERTO RICO
 QUADRANGLE LOCATION
 PEÑUELAS, P. R.
 N1800-W6637.5/7.5

1972

LOCATION OF
 PROTECO FACILITY
 PEÑUELAS, P.R.

GE_CARIBE001920

**AGREEMENT FOR THE TRANSFER OF
PERMIT RESPONSIBILITY, COVERAGE AND LIABILITY
BETWEEN CARIBE GE WIRING DEVICES, INC.
AND
GE CONSUMER WIRING DEVICES, LLC**

**CARIBE GENERAL ELECTRIC INC. – WIRING DEVICES
JUANA DIAZ, PUERTO RICO
PFE-LC-03-39-0595-0045-I-II-O**

Whereas, Caribe GE Wiring Devices, Inc., a wholly-owned subsidiary of General Electric Company, currently operates a manufacturing facility at Carrion Maduro Final, Juana Diaz, PR 00795, with an air emission authorization entitled CARIBE GENERAL ELECTRIC INC. – WIRING DEVICES, JUANA DIAZ, PUERTO RICO, PFE-LC-03-39-0595-0045-I-II-O;

Whereas, General Electric Company is restructuring its Wiring Devices business located at Carrion Maduro Final, Juana Diaz, PR 00795, to create a new wholly owned subsidiary named GE Consumer Wiring Devices, LLC to operate at this facility;

Whereas, This corporate restructuring will not result in any new or modified processes at the permitted facility and, with the exception of the discontinuation of some existing processes, will leave the facility otherwise unchanged;

Now Therefore, Contingent on the approval of the appropriate regulatory agencies, the parties agree to transfer permit responsibility, coverage and liability for the CARIBE GENERAL ELECTRIC INC. – WIRING DEVICES, JUANA DIAZ, PUERTO RICO, PFE-LC-03-39-0595-0045-I-II-O as follows:

Date for transfer of permit responsibility, coverage and liability: April 1, 1999

Current Permittee:

Caribe GE Wiring Devices, Inc.
Carrion Maduro Final
Juana Diaz, PR 00795

New Permittee:

GE Consumer Wiring Devices, LLC
Carrion Maduro Final
Juana Diaz, PR 00795

CARIBE GE WIRING DEVICES, INC.

BY Michael W. Hugon
ITS Secretary
DATE 3/25/99

GE CONSUMER WIRING DEVICES, LLC

BY Suzanne D. Hays
ITS VICE PRESIDENT
DATE 3/25/99

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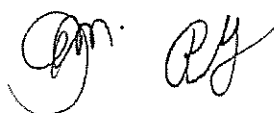
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c.c.m.



COMMONWEALTH OF PUERTO RICO
PUERTO RICO INDUSTRIAL DEVELOPMENT COMPANY
P. O. BOX 362350
SAN JUAN, PR 00936-2350

LEASE AGREEMENT
(BASIC PLANT)

between

PUERTO RICO INDUSTRIAL DEVELOPMENT COMPANY
as Landlord

and

CARIBE GENERAL ELECTRIC
as Tenant

PROJECTS:

AÑASCO: T-1278-0-80, T-0776-0-66, 1-69, 2-74 & 3-89
SAN GERMÁN: T-0497-0-58, 1-85, T-0753-0-66, 1-89, T-0881-0-67
ARECIBO: T-0301-0-56, 1-73, T-0303-0-56, 1-58, 2-61 & 3-64
VEGA ALTA: S-0174-0-53
VEGA BAJA: T-1154-0-54 & 1-75
PATILLAS: S-0726-0-65 & 1-68
HUMACAO: S-0161-0-53, 1-73 & S-1336-0-82
VIEQUES: T-0849 & EXT.

#2008-001083
11-mar-08 JLP

LOTS:

AÑASCO: L-54-2-62-10-0
SAN GERMÁN: L-049-0-55-10-0
ARECIBO: L-065-0-56-08-1
VEGA ALTA: L-292-0-65-04-B

ace

RS

Q

ARTICLE I BASIC TERMS OF LEASE

The following sections set forth basic information referred to in this Lease Agreement and, where appropriate, constitute definitions of the terms hereinafter listed.

1.01 **LANDLORD:** Puerto Rico Industrial Development Company (PRIDCO).

1.02 (a) **LANDLORD'S POSTAL ADDRESS:** P.O. Box 362350
San Juan, P.R. 00936-2350
Attn.: Contracts Administration Division

(b) **LANDLORD'S PHYSICAL ADDRESS:** 355 F.D. Roosevelt Avenue
Hato Rey, Puerto Rico 00918
Telephone: (787) 758-4747
Fax: (787) 754-5028

1.03 (a) **TENANT:** CARIBE GENERAL ELECTRIC

(b) **TENANT'S TRADE NAME:** CARIBE G.E.

1.04 (a) **TENANT'S POSTAL ADDRESS:** AMIR LASTRA, ESQ.
El Mundo Office Building
Ave. F. D. Roosevelt # 383
San Juan, Puerto Rico 00918
Tel. No. (787) 625-2343

1.05 **TENANT'S EMPLOYER IDENTIFICATION NO.** 66-0500295

1.06 **LEASED PREMISES:**

<i>MUNICIPALITY</i>	<i>PROJECT</i>	<i>S/F</i>
Añasco	T-1278-0-80	22,656.20
Añasco	T-0776-0-66, 1-69, 2-74 & 3-89	68,888.12
San Germán	T-0497-0-58, 1-85	50,799.17
San Germán	T-0753-0-66 & 1-89	24,980.77
San Germán	T-0881-0-67	11,637.67
Arecibo	T-0301-0-56, 1-73, T-0303-0-56, 1-58, 2-61 & 3-64	49,708.19
Arecibo	T-0302-0-56-0-81	11,470.71
Vega Alta	S-0174-0-53	74,120.48
Vega Baja	T-1154-0-54 & 1-75	54,220.69
Patillas	S-0726-0-65 & 1-68	85,644.11
Humacao	S-0161-0-53, 1-73 & S-1336-0-82	65,751.49
Vieques	T-0849 & Ext.	22,458.90

LOTS:

<i>MUNICIPALITY</i>	<i>LOTS</i>	<i>S/F</i>
Añasco	L-54-2-62-10-0	7,340.01
San Germán	L-049-0-55-10-0	6,288.63
Arecibo	L-065-0-56-08-1	2,322.86
Vega Alta	L-292-0-65-04-B	12,648.01

INITIALS
<i>[Signature]</i>
<i>aa</i>

O.I.M. *[Signature]*

GE CARIBE001927

Each of the premises is described in separate Attachments (Projects) to this Lease Agreement, consisting of a parcel of land and a buildings thereon having a gross construction area of 560,883.06 sq. ft. (the "Building"), located as previously stated. The Leased Premises include the special facilities, if any, described in Attachment A. For purposes of this Lease Agreement, the Building's gross construction area includes, without limitation, bathrooms, ramps, access stairs, loading docks, exterior shelters, corridors between buildings or structures and other roofed structures on the parcel of land, as described in Attachment A. Should the Leased Premises consist of various projects, the term "Building" shall be construed to include each and all of the buildings described in Attachment A.

Additional Parcel. Should LANDLORD lease to TENANT a parcel of land in addition to the Leased Premises to be used as a parking facility for the Leased Premises, this additional parcel of land shall appear described in Attachment B hereto (the "Additional Parcel"). Said Attachment B contains the rental amount and the terms and conditions under which the Additional Parcel will be leased to TENANT. TENANT shall, upon receiving possession of the Additional Parcel, execute and deliver to LANDLORD a certificate of delivery for the Additional Parcel in form similar to Attachment C to this Lease Agreement.

1.07 PERMITTED USE: The Leased Premises shall be used exclusively to: manufacture electrical devices and related products and the lots shall be used exclusively for parking.

1.08 CAPITALIZATION, INVESTMENT AND EMPLOYMENT LEVELS: The minimum level of Capitalization, Investment and number of Employees that TENANT is required to have for its operations at the Leased Premises, as defined in Section 4.02(c) of this Lease Agreement. TENANT will be required to maintain the following levels:

- (a) Capitalization \$ _____
 (b) Machinery and Equipment _____
 (c) Employees _____

As used in this Lease Agreement, the term "capitalization" includes the stream of total value ("equity") of the owner (preferred stock, common stock and surplus) plus long-term debt. Amortization of the long-term debt will not reduce the amount originally established as the minimum capitalization amount.

1.09 LEASE TERM:

Landlord and Tenant have negotiated the following renewal agreement:

- From January 1st, 2007 to December 31, 2008, all leased buildings, including Añasco and San Germán, whose lease agreements expired since December 31, 2006, shall keep it current rental monthly payment, until December 31, 2008, at the same rental rates, that is, without any monthly rental adjustment, as authorized by Landlord's Board of Directors.

CURRENT LEASES STATUS

MUNICIPALITY	BUILDING	S/F	CURRENT RATE AND TERM	MONTHLY PAYMENT
Añasco	T-1278-0-80	22,656.20	\$2.75 11/08/2011	\$5,192.05
Añasco	T-0776-0-66, 1-69, 2-74 & 3-89	68,888.12	\$2.20 12/31/2006	\$12,629.49
San Germán	T-0497-0-58 & 1-85	50,799.17	\$2.75 12/31/2006	\$11,641.48

INITIALS
<i>[Signature]</i>
<i>[Signature]</i>

O.I.M. *[Signature]*

San Germán	T-0753-0-66 & 1-89	24,980.77	\$2.20 12/31/2006	\$4,579.80
San Germán	T-0881-0-67	11,637.67	\$2.70 12/31/2006	\$2,618.48
Arecibo	T-0301-0-56, 1-73, T-0303-0-56, 1-58, 2-61 & 3-64	49,708.19	\$3.50 12/31/2009	\$14,498.22
Arecibo	T-0302-0-56	11,470.71	\$3.50 12/31/2009	\$3,345.62
Vega Alta	S-0174-0-53	74,120.48	\$4.10 12/31/2009	\$25,324.50
Vega Baja	T-1154-0-54 & 1-75	54,220.69	\$4.10 12/31/2009	\$18,525.40
Patillas	S-0726-0-65 & 1-68	85,644.11	\$1.00 12/31/2009	\$7,137.01
Humacao	S-0161-0-53, 1-73 & S-1336-0-82	65,751.49	\$4.10 12/31/2009	\$22,465.09
Vieques	T-0849 & ext	22,458.90	\$0 12/31/2008	\$0



****All properties leased by tenant, equivalent to 560,883.06 sq. ft., of gross construction area, as identified in Clause 1.05, including the properties herein renewed. (Añasco and San Germán) shall be renewed for a ten (10) year term, beginning on January 1st, 2009 and ending on December 31, 2018, with a 11 % rental rate increase, as follows:**


MUNICIPALITY	PROJECT	S/F	RATE	MONTHLY PAYMENT
Añasco	T-1278-0-80	22,656.20	\$3.05	\$5,758.45
Añasco	T-0776-0-66, 1-69, 2-74 & 3-89	68,888.12	\$2.44	\$14,007.25
San Germán	T-0497-0-58, 1-85	50,799.17	\$3.05	\$12,911.46
San Germán	T-0753-0-66 and 1-89	24,980.77	\$2.44	\$5,079.42
San Germán	T-0881-0-67	11,637.67	\$3.00	\$2,909.42
Arecibo	T-0301-0-56, 1-73, T-0303-0-56, 1-58, 2-61 and 3-64	49,708.19	\$3.89	\$16,113.74
Arecibo	T-0302-0-56	11,470.71	\$3.89	\$3,718.42
Vega Alta	S-0174-0-53	74,120.48	\$4.55	\$28,104.02
Vega Baja	T-1154-0-54 and 1-75	54,220.69	\$4.55	\$20,558.68
Patillas	S-0726—0-65 and 1-68	85,644.11	\$1.11	\$7,922.08
Humacao	S-0161-0-53, 1-73 and S-1336-0-82	65,751.49	\$4.55	\$24,930.77
Vieques	T-0849 and ext.	22,458.90	0	\$0

LOTS:

MUNICIPALITY	LOTS	S/F	MONTHLY
Añasco	L-54-2-62-10-0	7,340.01	\$2,125.00
San Germán	L-049-0-55-10-0	6,288.63	\$1,667.00
Arecibo	L-065-0-56-08-1	2,322.86	\$625.00
Vega Alta	L-292-0-65-04-B	12,648.01	\$2,000.00

As the term previously described expires, renewals shall take effect automatically for an equal term in force, unless one of the parties hereto, no later than one hundred eighty (180) days before the expiration of such term, notifies the other party of its intention to terminate the lease upon conclusion of the term then in force.

INITIALS



O.I.M. 

1.10 **YEAR:** "Year" shall mean 365 consecutive days unless the year in question is a leap year, in such case the term "Year" shall mean 366 consecutive days.

1.11 **DATE OF DELIVERY OF POSSESSION:** N/A

1.12 **RENT COMMENCEMENT DATE:** The date on which TENANT's obligation to pay Basic Rent commences as **previously stated**. Inasmuch as TENANT is presently in possession of the demised premises pursuant to a certain Lease Contract executed between the parties hereto, TENANT hereby accepts the premises in their present condition.

1.13 **BASIC RENT:** The Basic Rent to be paid to LANDLORD shall be based on the gross construction area of the properties as stated in **Article 1.05** of this lease, page number ONE (1).

1.14 **SECURITY DEPOSIT:** Total Security Deposit corresponding to the renewal of 144,668.06 sq. ft., (San Germán and Añasco) and its Lots = 0.

The other properties shall be renewed without security deposit. Any previous deposit shall be transferred to this Master Agreement. Previous Deposits: \$198,582.00

1.15 **GUARANTOR:**

Name:	_____ N/A _____
Address:	_____
Telephone:	_____
Fax:	_____
Attention:	_____

1.16 **EFFECT OF REFERENCE TO A DEFINED TERM IN ARTICLE I.** Each of the defined terms used in Article I shall be construed in conjunction with the definition thereof contained in this Lease Agreement. In the event of any conflict between the defined term and the balance of the Lease Agreement, the latter shall prevail.

1.17 **ATTACHMENTS.** The following marked attachments are incorporated in this Lease Agreement by reference as if set forth at length herein and form an integral part hereof:

- ☒ Attachment 1-16 - Description of Each of the Leased Premises
- ☐ Attachment B - Lease of Additional Parcel
- ☐ Attachment C - Certificate of Delivery of Leased Parcel (Form BRN-023A)
- ☐ Attachment D - Certificate of Delivery of Keys (Form - BRN-033)
- ☐ Attachment E - Work to be Performed by TENANT
- ☐ Attachment F - Notice of Delivery of Possession
- ☐ Attachment G - Form of Lease Guaranty
- ☐ Attachment H - List of Improvements (Deficiencies)
- ☐ Attachment I - Acknowledgment of Flood Zone
- ☐ Attachment J - Disaster Impact Quantification Form
- ☒ Attachment K - PRIDCO's Board of Directors Certification authorizing rent
 - Security Deposits Summary
 - Levels of Capitalization, Machinery, Equipment and Employees per Plan

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**ARTICLE II
TITLE, AUTHORITY AND DEMISE**

- 2.01 **Title and Authority.** LANDLORD is the owner of the property described in Attachment A hereto and, in such capacity, has full right and lawful authority to lease said property to TENANT and to grant to TENANT all the rights pertaining thereto, subject to the liens, encumbrances and restrictions which may affect it, if any, and the terms and conditions of this Lease Agreement and of its attachments.
- 2.02 **Demise.** Subject to the terms, covenants and conditions of this Lease Agreement, LANDLORD leases the property described in Attachment A (the "Leased Premises") to TENANT, and TENANT accepts same.

**ARTICLE III
LEASE TERM AND POSSESSION**

- 3.01 **Term.** The term of this Lease Agreement (hereinafter the "Term") shall commence and shall expire as stated in Clause 1.09, unless earlier terminated in accordance with the provisions of Article XVIII of this Lease Agreement.
- 3.02 **Delivery of Possession of Leased Premises.** The exact date on which the Leased Premises shall be delivered to TENANT shall either be set forth in Section 1.11 of this Lease Agreement or attested to in writing by LANDLORD and TENANT in a document in form substantially similar to Attachment D of this Lease Agreement (the "Certificate of Delivery of Keys").

**ARTICLE IV
USE OF THE LEASED PREMISES, RESTRICTIONS AND OPERATIONAL
REQUIREMENTS**

- 4.01 **Use of Leased Premises.** (a) **Authorized Use.** TENANT shall use and occupy the Leased Premises solely and exclusively as authorized in Section 1.07 of this Lease Agreement. Any change in the authorized use must be previously approved in writing by LANDLORD.

(b) **Restrictions.** LANDLORD reserves exclusively to itself the air rights over any building or structure forming part of Leased Premises, for any purpose.

- 4.02 **Ongoing Operation; Levels of Capitalization, Investment and Employment.**

(a) **Purpose.** TENANT acknowledges that this Lease Agreement is entered into in furtherance of the Government of Puerto Rico's economic and industrial development plan. Accordingly, strict compliance with the provisions of this Section 4.02 is a paramount and indispensable requirement of this Lease Agreement.

(b) **Interruption of Operations.** In accordance with the previous paragraph, TENANT shall make every effort necessary to maintain uninterrupted its operations at the Leased Premises. However, nothing contained in this section shall be deemed to require TENANT to conduct its operations in any other way than in compliance with sound business principles. The temporary shutdown or interruption of operations for reasonable cause shall not constitute a breach of this Lease Agreement if TENANT has satisfied the following conditions:

- (i) TENANT shall notify LANDLORD in writing of any interruption or temporary shutdown of operations at least thirty (30) days prior to the scheduled occurrence thereof, except in the event of an emergency interruption or shut

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down, in which case notice shall be given as quickly as possible but not later than the next business day;

- (ii) the interruption or temporary shutdown of operations shall not last for more than three (3) consecutive months; and
- (iii) during the period of interruption or temporary shutdown of operations, TENANT shall observe and comply with all the terms, conditions and obligations of this Lease Agreement, including, but not limited to, the payment of Rent (Basic and Additional) and the maintenance of the Leased Premises.

(c) Levels of Capitalization, Investment and Employment. TENANT pledges to have on the Date of Delivery of Possession, and maintain during the Term, a minimum level of capitalization equivalent to the sum indicated in item (a) of Section 1.08 hereof, which sum shall be verified by audited financial statements at the end of every calendar year. In the same manner and in a period of six (6) months after the Date of Delivery of Possession, TENANT pledges to install manufacturing equipment and machinery (either owned or leased) in the Leased Premises, whose value shall represent an investment of no less than the sum indicated in item (b) of Section 1.08 (this value shall not include the cost of transportation and installation of the equipment and/or machinery, nor its ordinary depreciation after installation). Eighteen (18) months after the Date of Delivery of Possession, TENANT shall have in its employment at least the number of persons indicated in item (c) of Section 1.08 to accomplish the operation of its business at the Leased Premises. TENANT shall maintain the minimum required levels of capitalization, investment and employment set forth in Section 1.08 during the Term of this Lease Agreement including any extensions thereof.

ARTICLE V RENT

- 5.01 Basic Rent. As of the Rent Commencement Date set forth in Section 1.12 hereof, TENANT shall pay to LANDLORD the Basic Rent specified in Section 1.13 of this Lease Agreement. The Basic Rent for any renewal period shall be the prevailing lease rate charged by LANDLORD at the time of the renewal period for similar properties in the zone in which the Leased Premises are located; provided, however, that the Basic Rent for a renewal period shall not be less than that of the preceeding lease period. TENANT shall pay the Basic Rent in monthly installments in the amount indicated in Section 1.13 in advance on or before the first day of each calendar month (the "Monthly Rent"); provided, however, that if the Rent Commencement Date does not fall on the first day of a calendar month, the rent for the initial partial month shall be prorated based on a 30 day month and included with the first payment of Monthly Rent due the first day of the first full calendar month following the Rent Commencement Date.
- 5.02 Additional Rent. Any amount TENANT is obligated to pay or reimburse LANDLORD under this Lease Agreement that is not Basic Rent shall be considered to be Additional Rent.
- 5.03 Payment Method. The Basic Rent and the Additional Rent (hereinafter collectively, the "Rent") shall be paid in legal currency of the United States of America. Any payment or charge identified in this Lease Agreement as Additional Rent shall be made on or before the first day of the month following the date the request for payment was sent by LANDLORD to TENANT. All Rent shall be remitted to LANDLORD, delivered either personally or by mail to the address indicated in Section 1.02 of this Lease Agreement, or to any other address that LANDLORD may from time to time notify to TENANT, it being TENANT's duty to take the necessary measures and precautions to ensure that

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the Rent is received by LANDLORD on or before its due date. The payment of Rent is separate from any other agreement or obligation contained in this Lease Agreement, and shall be paid without the need of previous request or notice by LANDLORD, without set off, adjustment or abatement of any kind, except as otherwise provided for herein. LANDLORD may demand at any time that Rent payments be made by a manager's or official bank check.

ARTICLE VI SECURITY DEPOSIT

- 6.01 Security Deposit.** Simultaneously with the execution of this Lease Agreement, TENANT shall deliver to LANDLORD a manager's or official bank check, for the amount specified in Section 1.14 of this Lease Agreement (the "Security Deposit"), to guarantee the faithful performance of each and every one of TENANT's obligations, including, but not limited to, the payment of all the Basic Rent, any other expenditure TENANT is responsible for hereunder, and the surrender of the Leased Premises upon expiration of the Term, or at the termination of this Lease Agreement, in the condition and good order required by Article XIX of this Lease Agreement. TENANT shall not have the right to receive interest on the Security Deposit.
- 6.02 Use of Security Deposit.** LANDLORD may use all or part of the Security Deposit at any time to cover any payment (including Rent) or expense that, according to the terms and conditions of this Lease Agreement, is TENANT's responsibility. Should it become necessary for LANDLORD to use the Security Deposit as a result of a default or violation of the Lease Agreement by TENANT, TENANT must replace the amount used by LANDLORD within fifteen (15) days of a written demand therefor by LANDLORD.
- 6.03 Surrender of Security Deposit.** Upon termination of this Lease Agreement, TENANT shall request in writing the Security Deposit (or the remaining balance after use by LANDLORD to cover any payment (including Rent) or other allowable expense under this Lease Agreement) after LANDLORD (i) has inspected the Leased Premises; (ii) confirms that the Leased Premises have been surrendered according to Article XIX and the other pertinent terms and conditions of this Lease Agreement; and (iii) determines that no environmental deficiencies exist which are attributable to or a consequence of the operations of TENANT at the Leased Premises.
- 6.04 Transfer of Security Deposit.** In the event of sale, assignment or transfer of the Leased Premises by LANDLORD to a third party, LANDLORD shall be entitled to transfer the Security Deposit to its successor, who shall thereafter be solely and exclusively liable for the return of the Security Deposit, and LANDLORD shall be released upon said transfer from any claim or liability towards TENANT regarding the Security Deposit or its return upon termination of this Lease Agreement.

ARTICLE VII ALTERATIONS AND IMPROVEMENTS

- 7.01 General Provisions.** Except for the repairs and improvements, if any, TENANT is to make to the Leased Premises according to Attachment E hereto, TENANT takes possession of the Leased Premises, and the special facilities described in Attachment A, if any, in their present "as is" condition and acknowledges that said property is in good state of repair.
- 7.02 Alterations and Improvements.** Except for the work described in Attachment E hereto, if any, for which LANDLORD has agreed to reimburse TENANT, all alterations, changes, additions or improvements necessary for the Leased Premises to be used for the purposes set forth in Section 1.07 of this Lease

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Agreement, shall be paid for by TENANT. TENANT shall make no alterations, changes, additions or improvements without LANDLORD's prior written consent except for the work described in Attachment E, if any, which LANDLORD expressly authorizes TENANT to undertake.

7.03 Air Conditioning; Electric Power Generator. TENANT may, at its own expense, install an air conditioning system and/or an electric power generator at the Leased Premises, subject to LANDLORD's previous written approval. Any installations of such equipment shall be made in coordination with LANDLORD.

7.04 Sprinkler System. TENANT shall implement the necessary security measures to avoid or reduce the risk of fire due to the storage of flammable materials or products. If required by law, TENANT shall install a sprinkler system at its own cost and expense. It shall be TENANT's obligation to obtain the necessary endorsements and/or approvals of the Puerto Rico Fire Department for such installation.

7.05 Floor Load. TENANT acknowledges having been informed by LANDLORD that the Building's maximum sustainable floor load is one hundred and fifty (150) pounds per square foot. In the event that the type of machinery and/or equipment to be installed, stored and/or utilized by TENANT for its operations in the Building exceeds said maximum floor load limit, TENANT shall, at its own expense, make the necessary improvements to the Building which will allow the Building floor to sustain the maximum load required by TENANT's operations without affecting or damaging the strength or stability of the Building.

7.06 Liens and Encumbrances. (a) TENANT may not create nor allow the filing of any lien against the Leased Premises.

(b) TENANT certifies and guarantees that all materials used in or for any construction or work in the Leased Premises shall be free of liens and encumbrances at the time said materials are incorporated into the Leased Premises. At the time the construction or work begins, TENANT shall certify to LANDLORD that the materials to be used are free of liens and encumbrances.

(c) TENANT shall immediately notify LANDLORD regarding any lien or attachment on materials or supplies used in construction or work at the Leased Premises which become incorporated into the Leased Premises. Should an attachment be placed upon the Leased Premises or any other type of lien be created that may directly or indirectly affect the Leased Premises, TENANT will quickly take any action, including payment of the amount claimed, necessary to cancel said attachment or lien and release the Leased Premises from the lien in a term not greater than thirty (30) days from the date that the lien is filed. Should the lien not be canceled within the period provided above, in addition to any other rights or remedies available to LANDLORD, LANDLORD may, but is not obligated to, obtain the cancellation of the lien by making payment of the amount claimed, by posting of a bond for the amount of the lien, or by any other procedure that LANDLORD deems appropriate; and any expense incurred in said effort, including attorneys' fees incurred by LANDLORD, shall be paid by TENANT as Additional Rent.

7.07 Ownership of Improvements; Surrender. (a) Upon termination of the Lease Agreement, all alterations, changes, additions, or improvements made by TENANT to the Leased Premises with incentives, credits, or other economic assistance from LANDLORD shall be deemed incorporated into the Leased Premises and therefore property of LANDLORD, with no rights of TENANT to any compensation or reimbursement therefore by LANDLORD. LANDLORD may require TENANT to remove, at TENANT's expense, any or all such alterations, changes, additions, or improvements upon termination of the Lease Agreement.

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(b) Upon termination of the Lease Agreement, TENANT, unless specifically permitted by LANDLORD, shall remove, at TENANT's expense, those improvements i) installed by TENANT in the Leased Premises at TENANT's cost and expense, or ii) described on Attachment H hereto, installed by a prior TENANT and whose ownership was accepted by TENANT, or iii) not identified as special facilities on Attachment A.

(c) TENANT, after removal of any alterations, changes, additions or improvements, shall restore the Leased Premises to a condition reasonably similar to their condition when delivered to TENANT.

- 7.08 **Plans and Specifications.** Should TENANT request the consent of LANDLORD to effect any alteration, change, addition, or improvement, LANDLORD may, at its option and in its discretion, require TENANT to submit to LANDLORD for approval plans and specifications for the proposed work, including such work, if any, as described in Attachment E. Said plans and specifications must be submitted and approved by the pertinent governmental entities prior to TENANT's commencement of any work.

ARTICLE VIII MAINTENANCE AND REPAIRS

- 8.01 **TENANT's Duties and Responsibilities.** (a) Except for those repairs that according to Section 8.02 hereof are LANDLORD's responsibility, TENANT shall maintain in good condition, at its own cost and expense, the Leased Premises, with all improvements including, but not limited to, the exterior premises, the Building, the special facilities, stairs, elevators, ramps, sidewalks, curbs, roads, landscaping, the ground and underground of the Leased Premises, and the pipes, lines, cables or ducts and other utility connections that service the Leased Premises. Any repair to the Leased Premises is TENANT's responsibility, unless said repair is necessary as a consequence of the negligence or some intentional act of LANDLORD, its agents, employees or contractors. As appropriate, TENANT shall (i) repair or replace doors, windows and their frames; the electrical system; the air conditioning and/or ventilation system; the plumbing, sanitary and sewage systems as well as the equipment, machinery, facilities or objects within the Leased Premises or that form part of the Leased Premises with the same type and quality; and (ii) paint the interior and exterior of the Building.

(b) TENANT shall also maintain the Leased Premises and its surroundings free of insects, rodents and pests; (ii) free of garbage, refuse, debris and any other solid waste; and (iii) free from unpleasant or offensive odors. Moreover, TENANT shall maintain the drainage and sewer systems of the Leased Premises free from obstructions.

(c) If TENANT fails to make any repair or if any repair is performed in an unsatisfactory manner, or if equipment is not replaced when necessary, LANDLORD may, but is not obligated to, undertake any such repair or replacement. TENANT shall reimburse LANDLORD for all costs incurred in any such repair or replacement plus an additional thirty percent (30%) of the cost of any such repair or replacement in order to cover LANDLORD's administrative costs. Any such costs reimbursed by TENANT including the additional percentage charge established above shall be considered Additional Rent, and as such, shall be paid within the period provided in Article V of this Lease Agreement. TENANT shall hold LANDLORD harmless from any damage or inconvenience suffered by TENANT as a consequence of any repairs performed by LANDLORD as provided in this paragraph, and TENANT shall have no rights of adjustment or reduction in Rent in connection therewith.

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(d) TENANT shall perform all maintenance work necessary to ensure that all its equipment and operations fully comply with the applicable fire prevention standards and environmental requirements, legal or regulatory.

(e) The provisions of this Section 8.01 shall not be applicable in the case of damage or destruction resulting from fire or any other event covered by Article XIII of this Lease Agreement.

8.02 LANDLORD's Duties and Responsibilities. LANDLORD shall be solely and exclusively responsible for any necessary repairs or restorations due to defects in the design of the Building or construction defects thereof, not apparent at the moment TENANT inspected the Leased Premises prior to occupancy. Except as provided in this Section 8.02, LANDLORD shall not be responsible for any repair, replacement or improvement to the Leased Premises or to equipment, machinery, facilities, furniture or any other object within the Leased Premises, all of which shall be the responsibility of TENANT as provided in Section 8.01 of this Lease Agreement.

8.03 Roof Care and Maintenance. TENANT shall not, without the previous written consent of LANDLORD: (i) place any fixture, equipment or other load on the roof of the Building; (ii) perforate the Building's roof; or (iii) use the roof of the Building for storage. TENANT shall take all necessary measures to maintain the roof's drainage system free from obstructions and in good and working condition at all times. Prior to undertaking any repairs to the Building's roof, TENANT shall submit in writing to LANDLORD a detailed description of the work to be performed and provide any other pertinent information related to said repairs LANDLORD may request.



ARTICLE IX PUBLIC UTILITIES

9.01 TENANT's Duties and Responsibilities. TENANT shall pay for the cost of electricity, water, gas, telephone and any other utility service to the Leased Premises during the Term of this Lease Agreement, including the period of time, if any, between the Date of Delivery of Possession and the Rent Commencement Date. TENANT shall request and coordinate the installation of metering devices and other mechanisms or systems necessary to obtain the various utility services for the Leased Premises, and shall be liable for any deposit and/or installation charge required by the corresponding agency or utility company.

9.02 Service Interruption. TENANT shall not make adjustments to the Rent nor hold LANDLORD liable for any utility service interruption to the Leased Premises or for damages suffered as a consequence of any interruption.

9.03 Electricity. (a) Basic System. The Leased Premises, at a minimum, are equipped with a basic electrical power system for general lighting and wall outlets connected to a 200 amp meter box designed for a secondary voltage of 120-208 volts. In the event that the Leased Premises are not connected to the power lines of the Puerto Rico Electric Power Authority (hereinafter "PREPA"), said connection shall be made by TENANT and in coordination with LANDLORD, at TENANT's expense, including the purchase and installation of any equipment necessary to make the connection, which equipment must meet PREPA's requirements.

(b) Electrical Substation. TENANT, at its own cost and expense and without any right to reimbursement from LANDLORD, may build, install and maintain in coordination with LANDLORD an electrical substation on the Leased Premises and connect it to PREPA's distribution lines, subject to compliance with PREPA's requirements. Under no circumstances shall TENANT install an electrical substation without LANDLORD's prior approval as to the capacity and

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power of said substation, its location within the Leased Premises, and the routing path of the power lines.

(c) Additional Equipment. TENANT covenants not to install or use any equipment that will exceed or which reasonably could exceed the capacity of the Leased Premises' power lines without LANDLORD's prior consent. TENANT, at its cost and expense, will upgrade the electrical service lines in accordance with the plans and specifications previously approved in writing by LANDLORD should TENANT's operations require greater electrical service line capacity. TENANT will have to build its own electrical substation if its electric power needs exceed 50 KVA.

9.04 Water Supply. (a) Should TENANT require water volume and/or water pressure greater than that existing in the area of the Leased Premises, the construction and/or installation of any improvements (including structures), that are necessary, convenient or required by the Puerto Rico Aqueduct and Sewer Authority (hereinafter "PRASA") to increase said volume and/or pressure, shall be made at TENANT's own expense and coordinated with LANDLORD, but without any right to reimbursement from LANDLORD for any such improvements.

(b) Should PRASA require improvements to the Leased Premises' water main connection, TENANT shall perform the corresponding improvements at its own expense, and only after written approval has been given by LANDLORD.

ARTICLE X QUIET ENJOYMENT

10.01 Quiet Enjoyment. Upon TENANT's payment of Rent and observance of all other terms, covenants and conditions of this Lease Agreement that are to be observed and performed by TENANT, LANDLORD covenants that TENANT may peaceably and quietly enjoy the Leased Premises, during the Term, or until the termination of the Lease Agreement in accordance with Article XVIII.

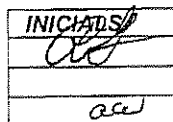
ARTICLE XI TAXES, ASSESSMENTS AND DUTIES

11.01 Taxes, Assessments and Duties. TENANT shall be liable for the payment of all taxes, assessments, duties or any other tax levied by any government entity having taxing authority over real property, personal property, and/or the activities directly or indirectly related to TENANT's operations at the Leased Premises, including, but not limited to, personal property taxes on equipment and machinery located at the Leased Premises. TENANT shall pay these taxes, assessments, and duties before their due date.

ARTICLE XII ENVIRONMENTAL

12.01 Governmental Regulations and Environmental Protection. TENANT shall comply with all laws, rules, regulations, executive orders, administrative orders and requirements of local and federal governmental agencies having jurisdiction over TENANT's operations at the Leased Premises. Upon request by LANDLORD, TENANT shall submit evidence of said compliance and of any permits, and agency endorsements such as, but not limited to:

- (i) the Puerto Rico Fire Department;
- (ii) the Puerto Rico Department of Health;
- (iii) the U.S. Food and Drug Administration (FDA);
- (iv) the Puerto Rico Occupational Safety and Health Office (PROSHO);



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- (v) the Puerto Rico Environmental Quality Board (EQB);
- (vi) the U.S. Environmental Protection Agency (EPA);
- (vii) the Puerto Rico Aqueduct and Sewer Authority (PRASA);
- (viii) the Puerto Rico Natural and Environmental Resources Department (DNER);
- (ix) the Regulations and Permits Administration (ARPE);
- (x) the Puerto Rico Planning Board.
- (xi) the Solid Waste Administration
- (xii) the pertinent Municipal Government

TENANT shall maintain the Leased Premises and conduct its operations thereat in compliance with the terms, conditions, and requirements specified in i) the Environmental Impact Statement, or any other document prepared for the evaluation of environmental aspects of its operations at the Leased Premises; and ii) the permits issued by the governmental agencies with jurisdiction over the operations at the Leased Premises.

TENANT, at its own cost and expense, shall install on the Leased Premises the necessary equipment to prevent its operations from affecting adversely the environmental integrity of the Leased Premises, or causing any disturbance to the adjacent properties or to the community in general.

Any improvements or installation of equipment for pollution controls required by any agency or governmental entity having jurisdiction thereof shall be at TENANT's expense and subject to Article VII of this Lease Agreement. TENANT shall also comply with the following permits and regulations, without limitation of any other applicable environmental requirements:

(a) Wells. LANDLORD will not allow the drilling of a water well at the Leased Premises unless TENANT's operations at the Leased Premises require a volume of water greater than that which PRASA can supply. In such case TENANT will obtain a construction permit and a franchise from the Department of Natural and Environmental Resources to drill such well and to extract water therefrom. For any other type of well (i.e., monitoring, injection, etc.) TENANT shall obtain the necessary permits and LANDLORD's written consent.

(b) Noise. TENANT shall not exceed the maximum noise levels allowed by the Noise Pollution Control Regulation of the Puerto Rico Environmental Quality Board.

(c) Air Emissions. TENANT shall obtain all the necessary construction and operational permits necessary to construct, install, and operate any air emissions source or atmospheric pollution source, as defined by the Regulation for the Control of Atmospheric Pollution Sources of the Environmental Quality Board and the Federal Regulations. This includes, but is not limited to (i) ventilation systems to disperse atmospheric emissions resulting from TENANT's operations; (ii) electric power generators for emergency use; (iii) storage tanks for flammable gases with a capacity greater than five hundred (500) gallons; and (iv) fuel storage tanks (gasoline, diesel, kerosene, acetone, alcohol and others) having a capacity of more than ten thousand (10,000 gallons). TENANT, at its own cost and expense, shall establish the necessary measures and shall install the equipment required to maintain the air quality standards established by the existing laws and regulations and any amendments thereto as required by the permits issued by the Environmental Protection Agency and the Environmental Quality Board.

(d) Gas Storage Tanks. TENANT shall obtain a permit from the Public Service Commission to install and/or store flammable gases in aboveground storage tanks.

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(e) Underground Storage Tanks. TENANT shall not install underground tanks to store fuels, raw materials or chemical substances. In the event that any such tanks have been previously installed at the Leased Premises and removal thereof would constitute a risk to the Leased Premises or to TENANT's operations, such tanks shall be used only if they comply with federal and state regulations for underground storage tanks.

(f) Aboveground Storage Tanks. TENANT, if applicable, shall prepare and implement a Spill Prevention, Control and Countermeasure Plan (SPCC Plan) as required by 40 CFR 112 and comply with the requirements of the Environmental Quality Board for the installation and operation of aboveground storage tanks.

(g) Chemicals. Storage of any chemical substance shall be undertaken in full observance of the applicable safety measures required by the governmental agencies having jurisdiction thereof so as to prevent any leakage or spillage that may contaminate the Leased Premises or adjacent properties.

(h) Storage of Hazardous Materials. TENANT shall strictly abide by the rules and regulations established by the Occupational Safety and Health Administration (OSHA) for the storage of hazardous materials (29 CFR Part 1910 Subpart H) as well as with the Puerto Rico Code for Fire Prevention. TENANT will comply with the minimum distances set forth in the federal and local codes for the storage of hazardous materials, particularly those materials which are inflammable.

(i) Industrial and Sanitary Effluents. TENANT shall not discharge its sanitary or industrial effluents into the sewer system nor into any other place until TENANT has obtained the necessary authorization to do so, be it from the Puerto Rico Aqueduct and Sewer Authority, from the Environmental Quality Board, or the Environmental Protection Agency (EPA), as applicable. TENANT shall request and obtain the necessary permits and/or endorsements from the Environmental Quality Board or any other local or federal agency with jurisdiction in order to install and operate any treatment or pretreatment plant or system for said effluents. TENANT must obtain LANDLORD's endorsement and approval to install a treatment or pretreatment plant or system prior to any request for the permits and endorsements of the other pertinent government agencies with jurisdiction. TENANT shall treat its effluents as required prior to discharge, as required by the pertinent governmental agency having jurisdiction.

(j) Septic Tanks and Systems. Should the Leased Premises have a septic tank or system, such facility can be used only to discharge sanitary effluents. Therefore, TENANT shall not discharge industrial effluents nor any substance nor material other than sanitary effluent into the septic tank or system. Moreover, TENANT must obtain from the Environmental Quality Board a permit to operate said septic tank or system. Any industrial effluent that may be generated and that is not discharged into the Aqueduct and Sewer Authority sewer system or through a discharge permit from the National Pollutant Discharge Elimination System ("NPDES"), shall be disposed of by transporting it to an Aqueduct and Sewer Authority treatment plant, with previous authorization, or to another entity authorized to handle such effluents.

(k) NPDES Permit. TENANT shall not discharge any industrial effluent into the ground. TENANT shall obtain an NPDES permit to discharge stormwater or other effluents into a body of water. TENANT shall obtain an NPDES permit, if stormwater run-off is exposed to raw materials, unfinished or finished products, waste, by-products, industrial machinery or equipment, a materials handling area or a process area. TENANT shall obtain, when applicable, the pertinent industrial discharge permit or pre-treatment permit required by PRASA.

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(l) Hazardous Substances. TENANT will not treat, store or dispose of any hazardous substance at the Leased Premises, unless TENANT possesses the necessary permits from the agencies with jurisdiction and such activities are performed in compliance with applicable regulations and the terms and conditions of the permit. TENANT will not generate or store any hazardous substance or waste at the Leased Premises without first obtaining the necessary permits from the local and federal agencies with jurisdiction. The generation and storage of hazardous substances shall be conducted in compliance with applicable environmental laws, regulations and permits. Also, TENANT shall not store hazardous waste at the Leased Premises, without first giving notice to LANDLORD of the location of the storage area and providing evidence of compliance with state and federal regulations as well with the measures LANDLORD considers necessary to protect the Leased Premises. At no time shall TENANT dispose of any hazardous substances or waste at the Leased Premises.

(m) Non-hazardous Solid Waste. Non-hazardous solid waste generated from the operations at the Leased Premises shall be stored, handled, transported and disposed of in accordance with the Environmental Quality Board's Hazardous and Non-hazardous Waste Control Regulations. TENANT must obtain a permit from the Environmental Quality Board for a Non-hazardous Waste Generating Activity (DS-3), when it generates more than fifteen (15) cubic yards of non-hazardous solid waste weekly during construction activities. TENANT, at its own cost and expense, shall keep the grounds clean and free of solid wastes, rubbish, garbage and debris.

(n) Equipment or Materials containing Polychlorinated Biphenyls (PCB). TENANT shall not install or introduce equipment or materials containing PCB's at the Leased Premises.

(o) Reports to LANDLORD - In addition to any other information or document that may be required hereunder, TENANT shall provide LANDLORD with the following:

1. Written notice, within forty-eight (48) hours, of any event that requires verbal or written notice to the Environmental Protection Agency, the Environmental Quality Board or any entity designated by them, together with, a copy of any order, communication or report regarding the event. This includes, but is not limited to, any notice required under the provisions of the "Emergency Planning and Community Right to Know Act."

2. Written notice within forty-eight (48) hours of any change to the hazardous materials handled at the Leased Premises, or if TENANT observes or has any knowledge of an environmental problem at the Leased Premises even if such problem is not a result of TENANT's activities.

3. A copy of all the permits mentioned in this Article XII.

(p) Audits and Access to the Property. LANDLORD reserves the right to inspect the Leased Premises, from time to time, during the Term of this Lease Agreement as deemed necessary, for the purpose of evaluating the environmental condition of the Leased Premises, and as to TENANT's compliance with federal and state environmental regulations and the provisions of this Article XII. TENANT, for this purpose, will provide LANDLORD with access to all areas or structures on the Leased Premises. TENANT shall provide access to all the books, registers, documents or instruments that LANDLORD deems necessary to determine the environmental condition of the Leased Premises, or compliance with environmental regulations.

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In the event that LANDLORD believes, based upon any inspection performed on the Leased Premises, that TENANT is in material violation of a federal or local environmental law or regulation, LANDLORD shall request TENANT to perform, at TENANT's cost, the environmental site assessments necessary to determine the existence and extent of contamination at the Leased Premises, if any and all activities of removal, mitigation and remediation needed to correct any environmental problem caused by the TENANT at the Leased Premises. TENANT, upon LANDLORD's request, at the termination of this Lease Agreement, shall submit an environmental site assessment, Phase I and/or Phase II, of the environmental condition of the Leased Premises prepared by an environmental consultant of proven experience. The assessment shall determine whether the activities performed by TENANT affected the conditions of the Building and the lot. The assessment shall be performed following the standards established for preparing such reports by the scientific community (ASTM). The assessments shall be signed and certified by an engineer or chemist licensed to practice in Puerto Rico.

In the event that an environmental audit or inspection reveals an environmental deficiency or condition at the Leased Premises, TENANT shall submit an action plan to remedy such situation together with a bond or guarantee to secure payment of the remediation. The plan shall be reviewed and its execution coordinated with LANDLORD.

(q) Emergency Remediation Response Action. In the event of any hazardous substance spill, leak, or escape or any other occurrence which requires the removal of hazardous substances or environmental remediation, TENANT shall be responsible to remedy it immediately. TENANT shall be responsible for hiring, at its own expense, those companies with proven experience and reputation to perform said removal activities and/or environmental remediation and shall carry out all the necessary negotiations to accomplish said removal and/or remediation. Prior to the formation of any contractual agreement with any company or consultant for the removal and/or, remediation, the company or consultant must be approved by LANDLORD. The scope of work prepared by the LANDLORD authorized company shall be submitted to LANDLORD for its approval. In the event of any violation or contamination of the Leased Premises, LANDLORD may request TENANT to remain in the Leased Premises and to continue paying Rent until the Leased Premises are in compliance with local and federal regulations. At all times, TENANT shall be obligated to immediately notify LANDLORD in writing upon occurrence of any event that requires removal of contaminants or environmental remediation and shall coordinate with LANDLORD any clean-up, contamination removal, or environmental remediation before commencement thereof provided that if the event which requires removal of contaminants or environmental remediation should occur during non-working periods, in which case (such as weekends or holidays) TENANT shall immediately notify LANDLORD the next working day. The notice to LANDLORD by TENANT in the event of a spill, leak or escape does not release TENANT of its obligation to notify the pertinent governmental agencies as required by law, regulation, municipal ordinance, judicial order, executive order, administrative order or by any other legal requirement.

Should any environmental mishap occur, such as, but not limited to, a spill, release or leak that poses an imminent danger to human health or to the environment, in addition to taking all such protective measures, responses and notifications as are required by environmental laws, regulations, and permits, TENANT shall cease its operations if TENANT's operations are the direct cause of said environmental mishap until said mishap is controlled and all risk to human life or to the environment is suppressed.

(r) Environmental Conditions Liability. TENANT shall be liable for any environmental damage and the necessary or remedial action as results from

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TENANT's operations. TENANT shall indemnify LANDLORD for any lawsuit, civil or criminal action, administrative action, fine, claim, remedial action and/or clean-up and/or pollutant removal action, toxic or hazardous substance or waste as defined in local and federal laws and regulations, that may arise as a result of TENANT's operations or during TENANT's occupation of the Leased Premises. The term contaminant includes petroleum and its derivatives, asbestos, and PCB. TENANT shall also be liable and shall indemnify LANDLORD for any complaint, civil or criminal action, administrative action, fine or claim that arises as a result of any violation of any law, regulation, rule, Administrative Order, Executive Order or environmental requirement of any local or federal governmental entity that arises as a result of TENANT's operations or during the term TENANT occupied the Leased Premises. TENANT's liability toward LANDLORD and its obligation to indemnify LANDLORD shall survive the termination of this Lease Agreement.

ARTICLE XIII DESTRUCTION OF PREMISES

13.01 Notice of Event. TENANT shall immediately notify LANDLORD after any fire, explosion, spill of hazardous wastes or pollutants (except as otherwise provided in Article XII and Section 13.06 hereof) or any other kind of accident or extraordinary event which causes or threatens damage to the Leased Premises.

13.02 LANDLORD's Duty to Repair. Should the Leased Premises be damaged by fire, explosion or any other casualty covered by the insurance policies as required by this Lease Agreement, LANDLORD shall repair or restore the Leased Premises to a condition substantially similar to that before the accident or event, provided that:

- (i) LANDLORD has received the corresponding insurance proceeds from the insurance company; and
- (ii) the accident or event causing the damage is not attributable to or did not occur as a consequence of negligence, an omission, or intentional act of TENANT or any of its employees, agents, visitors or representatives; nor as a result of acts by any of them in violation of a federal, state, or municipal law regulation, order, ordinance, or breach of any obligation or condition under this Lease Agreement.

TENANT recognizes that LANDLORD's duty to repair damage or destruction to the Leased Premises is limited to those repairs made possible by the proceeds received as a result of the insurance policies required hereunder, and that TENANT shall be responsible for the deductibles or the amount in excess of the insurance proceeds necessary to cover the costs to repair, reconstruct, or replace the Leased Premises.

13.03 Lease Agreement Termination. Notwithstanding the provisions of Section 13.02 hereof, LANDLORD shall have the option to terminate this Lease Agreement in any of the following circumstances:

- (i) should the insurance policy as required by this Lease Agreement not provide coverage for the accident or event which damages the Leased Premises;
- (ii) the damage suffered by the Leased Premises is such that it exceeds the cost of replacement; or
- (iii) if the Building and other structures of the Leased Premises, in the opinion of LANDLORD, cannot be repaired in a period

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of one hundred twenty (120) days from the day the accident or event occurred;

- (iv) should the damage to the Building be so extensive that LANDLORD decides to demolish it; or
- (v) should the accident or event occur at any time during the last two (2) years of the Term of this Lease Agreement.

In any of the above circumstances LANDLORD may terminate this Lease Agreement by written notice to TENANT within ninety (90) days from the date the accident or event occurred, in which case both parties are released of any further liability under this Lease Agreement as of the effective date of termination except for those that survive termination pursuant to Article XII hereof.

13.04 Restoration. Should LANDLORD have the obligation to repair or restore the Leased Premises according to Section 13.02 hereof, or should LANDLORD not terminate this Lease Agreement as provided in Section 13.03 hereof, and proceeds to repair or restore the Lease Premises, TENANT shall hold LANDLORD harmless for the loss of any equipment, machinery or any other property that TENANT had placed, joined, built-in or installed, or kept at the Leased Premises.

13.05 Rent Adjustment. Should the Leased Premises be damaged or destroyed and LANDLORD elects to repair (provided that the cause of the fire or accident is not the result of any negligence, omission, or any intentional act of TENANT, its employees, agents, guests or representatives, nor the violation by any of them of any federal, state, or municipal law, regulation, order, ordinance, nor the failure to comply with any obligation or condition under this Lease Agreement), TENANT shall have a right to adjust the Basic Rent in proportion to the total area of the Leased Premises that becomes unTENANTable during the repair period (i.e., from the date of the accident or event until the date LANDLORD finishes the repair work). Should LANDLORD terminate this Lease Agreement due to any of the causes set forth in Section 13.03 hereof, the Rent shall be due until the date of the casualty or destruction.

13.06 Damage Report. In the event of a casualty or disaster, TENANT shall complete and deliver to LANDLORD the form "Disaster Impact Quantification (CD1001)" (Attachment J hereto) within eighteen (18) hours after the occurrence of the event.

ARTICLE XIV WAIVER OF CLAIMS; INDEMNIFICATION

14.01 Indemnification. TENANT shall defend, indemnify and hold harmless LANDLORD, its directors, officers, employees, invitees, representatives, successors and assignees of liability from any loss, claim, fine, penalty, attachment, action or complaint of any type or kind, including any incidental expense or cost (including, but not limited to, defense costs, settlement and attorney fees) in relation to or as a consequence of any damage to a third party (including death), or any damage, loss or destruction of any third party's property, (a) in or around the Leased Premises due to any act or omission of the TENANT or any of its employees (whether or not said act is within the scope of employee's job), agents, authorized persons, visitors, successors or assignees, or caused wholly or in part by any act or omission of any of the former or (b) due to the use or occupation of the Leased Premises by TENANT, its agents, employees, invitees, or visitors; (ii) violation of any federal or state law or regulation, or municipal ordinance, or of any judicial or administrative order, as a direct indirect consequence of the use or occupation of the Leased Premises by TENANT; (iii) or due to breach of any of the obligations under this Lease

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Agreement. The provisions of this Article XIV shall survive and remain in full force after the expiration of the Term or the termination of this Lease Agreement.

14.02 Waiver of Claims. LANDLORD shall not be liable, and TENANT releases LANDLORD and waives any claim against LANDLORD, for any damage to or loss of any property located at the Leased Premises which belongs to LANDLORD and/or its agents, employees, invitees and/or visitors, and for any other damage or loss suffered by TENANT, or any damage or loss to TENANT which arises from fire, steam, or smoke; short circuit; water, electricity, gas or other utility failure; rain, storms, hurricanes or other weather conditions; flood or leakage; defects in pipes, cables, appliances, plumbing and/or air conditioning systems, regardless if such damage or inconvenience is the result of the condition or working order of the Leased Premises, or any part of it. LANDLORD shall not be liable for any damage or loss suffered by TENANT and/or its agents, employees, invitees and visitors as a result of criminal conduct, intentional acts, and/or negligent or intentional acts of a third party or of TENANT, its agents, employees, invitees and/or visitors. TENANT waives and shall be barred from filing any claim against LANDLORD for any damage or loss at the Leased Premises or to any person or property within the Leased Premises for any cause other than gross negligence by LANDLORD.

14.03 TENANT Responsible for Personal Property. TENANT recognizes that LANDLORD shall not be liable and waives any claim for any damage to personal property in the Leased Premises that belongs to TENANT, or for the theft or misappropriation thereof. TENANT bears all risk for any damage or loss of any personal property of TENANT.

ARTICLE XV INSURANCE

15.01 Insurance. During the Term of this Lease Agreement, TENANT shall maintain in force the following insurance policies:

(a) commercial general liability, including contractual liability, with limits of not less than \$1,000,000 for bodily injury (including death) and \$1,000,000 for property damage, per occurrence, which will insure TENANT against any claim for accidents in or around the Leased Premises due to use or occupation of the Leased Premises by TENANT. This insurance shall include LANDLORD and its agents, officers, directors and employees as additional insured, and said policy shall include a "fire legal liability" endorsement;

(b) property insurance with "All Risk" coverage, for one hundred percent (100%) real property replacement cost, including foundations, with an extended coverage endorsement, which names LANDLORD as beneficiary in case of loss. This insurance shall include coverage for fire, hurricanes, floods, earthquakes and other events of a similar nature, vandalism and malicious mischief, boilers and machinery (if applicable) in building format and content, including all changes, alterations, extensions and improvements made by TENANT to the Leased Premises;

(c) pollution liability if required by LANDLORD because of the type of the operations carried on by TENANT; and,

(d) any other insurance over the Leased Premises which provides adequate coverage for those insurable risks that are common for property similar to the Leased Premises.

The deductibles of the insurance policies herein required shall be TENANT's responsibility and should LANDLORD undertake any repairs after any loss or damage to the Leased Premises, TENANT shall reimburse LANDLORD

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the deductible payable under the insurance policy, together with any amount paid by any insurance provider.

15.02 Insurance During Construction. During any construction period at the Leased Premises, including the work to be performed by TENANT described in Attachment E, if any, TENANT must have in force the following insurance policies:

- (i) "builders risk" insurance which provides coverage for all improvements that are being constructed, equivalent to one hundred percent (100%) of their replacement value;
- (ii) if the estimated cost of construction is over five thousand dollars (\$5,000), TENANT must, at TENANT's own cost and expense, provide LANDLORD with a performance bond from a surety company recognized and approved by LANDLORD, or other satisfactory guarantee acceptable to LANDLORD, in a sum equal to the estimated cost of said construction to guarantee completion of any construction within a reasonable time. At LANDLORD's option, instead of TENANT's obtention of a separate bond or guarantee for each project that may be in process at any given time, TENANT shall provide LANDLORD with one bond or guarantee that covers all alterations, changes, additions or improvements and other construction occurring at the same time; and,
- (iii) Workers' Compensation from the State Insurance Fund Corporation in such coverage amounts as required by law.

15.03 Insurance Policy Increase. TENANT will pay any premium increase required by an insurance company to cover additional risks resulting from any alteration, change, addition or improvement made by TENANT to the Leased Premises.

15.04 General Requirements. All insurance policies required of TENANT under this Article XV must comply in form and substance to LANDLORD's requirements, and must provide the following: (i) that the insurance coverage may not be reduced, canceled or not renewed by the insurance company without written notice to LANDLORD and TENANT at least sixty (60) days in advance (unless said cancellation is due to failure to pay premium, in which case notice must be sent at least thirty (30) days in advance); and (ii) that the policy shall be immediately renewed by TENANT on or before its expiration date. TENANT must obtain said policies from insurance companies duly authorized to do business in Puerto Rico, and acceptable to LANDLORD. Said insurance companies shall have a classification of not less than "A" and a financial rating of "IV" or better, as rated by A.M. Best and Company.

15.05 Insurance Certificates. Before the Date of Delivery of Possession TENANT shall submit to LANDLORD the policies (or certified copies) of same required under this Article XV with all the mentioned endorsements, and certificates of insurance which evidence the required coverage by Sections 15.01 and 15.02 of this Lease Agreement. TENANT expressly recognizes LANDLORD's right not to deliver the Leased Premises to TENANT until two (2) days after the policies (or certified copies) and the insurance certificates have been submitted to LANDLORD, as required in this section.

15.06 Evidence of Payment; Renewal of Policies. TENANT must deliver to LANDLORD satisfactory evidence of payment of the Insurance premiums within fifteen (15) days of the respective renewal dates of the respective policies and at

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the same time submit the corresponding insurance certificate or certified copy of each renewed policy.

- 15.07 Claims.** TENANT shall cooperate with LANDLORD in the collection of claims against the corresponding insurance companies in those cases where LANDLORD handles such claims, including the preparation of damage reports and other documents required to process the claim. In the event TENANT does not provide said documents, LANDLORD, as TENANT's agent and attorney-in-fact, shall, in addition to any other remedy available to LANDLORD, execute and submit any evidence of loss and/or any other document necessary for collection of the claim.
- 15.08 Periodic Reviews.** LANDLORD reserves the right to review and demand periodically increases in the limits of the coverages required in this Lease Agreement as results from the effects of inflation.
- 15.09 Penalties.** Notwithstanding the provisions of Section 22.08, and without affecting the general terms of the matters stipulated therein, should TENANT breach its duty to obtain any of the policies required in Article XV, which as a result renders it necessary for LANDLORD to obtain said policies, in addition to reimbursement for the premium paid for said policies, TENANT shall pay LANDLORD a sum equal to twelve percent (12%) of the cost of the policies obtained by LANDLORD to cover LANDLORD's administrative costs.
- 15.10 Waiver of Subrogation.** (a) LANDLORD and TENANT agree that all fire and extended coverage and other property damage insurance carried by either of them in relation to the Leased Premises shall be endorsed with a clause providing that any release from liability or waiver of claim for recovery from the other party entered into in writing by the insured thereunder prior to any loss or damage shall not affect the validity of said policy or the right of the insured to recover thereunder, provided that the insurer waives all rights of subrogation which such insurer might have against the other party. Any release or any waiver of claim shall not be operative in any case where the effect of such release or waiver is to invalidate any insurance coverage or invalidate the right of the insured to recover thereunder. Should any waiver of subrogation result in a premium increase, TENANT shall, within ten (10) days of notice, pay said increase in order to maintain the effectiveness said release or waiver.

(b) Neither LANDLORD nor TENANT shall be liable to the other or the insurance company that provided the coverage for any loss or damage to any building or structure of the Leased Premises for the loss of income either through subrogation or any other form, regardless if such loss or damage be, in whole or in part, caused by a negligent act or omission of the other party, its agents, officers, directors or employees, to the extent that such loss or damage is covered by insurance policy in favor of the affected party.

ARTICLE XVI LANDLORD'S RIGHTS

- 16. 01 Access to Leased Premises.** LANDLORD shall be entitled to enter the Leased Premises for the purposes of inspection to perform any repairs or work required pursuant to the provisions of this Lease Agreement, or for those repairs or work which TENANT has failed to do despite being responsible therefor under this Lease Agreement, or to show the Leased Premises to persons interested to lease or acquire the same. This right to access is subject to the following conditions: (a) if due to any emergency situation, which LANDLORD shall determine at its discretion, LANDLORD shall have full access to the Leased Premises at any time; (b) under any other circumstances LANDLORD shall have access to the Leased Premises during normal business hours; and (c)

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LANDLORD must maintain at a minimum any interruption to TENANT's operations during any exercise of its rights under this Article.

ARTICLE XVII TENANT BANKRUPTCY

17.01 Lease Agreement Assumption Requirements. The following provisions shall apply upon commencement of a voluntary or involuntary case under Title 11, United States Code, wherein TENANT is a debtor under 11 U.S.C. §§101 et. seq. (the "Bankruptcy Code"), and only insofar as the Bankruptcy Code applies or affects the provisions of this Lease Agreement.

(a) Should the trustee or "debtor in possession" not elect to assume this Lease Agreement within a period of sixty (60) days from the commencement of proceedings under the Bankruptcy Code, this Lease Agreement shall be deemed rejected and terminated as provided under Article XVIII of this Lease Agreement (including any provisions as to damages) giving LANDLORD the immediate right to repossess the Leased Premises.

(b) Any assumption and/or assignment of this Lease shall not take effect unless there is compliance with the following:

- (i) all TENANT's defaults have been cured and LANDLORD has been provided with adequate and reasonably satisfactory assurances of TENANT's future performance; if the Lease Agreement is assigned, TENANT shall provide (1) any guarantee and/or deposit reasonably required, and (2) any other reasonable assurance that there will be sufficient funds and personnel available to operate the Leased Premises in strict compliance with the provisions of this Lease Agreement;
- (ii) neither the assumption of this Lease Agreement nor the operation of the Leased Premises after this Lease Agreement has been assumed or assigned, in the reasonable opinion of LANDLORD, will cause or result in breach or violation of any of its provisions or of any other applicable contract with LANDLORD;
- (iii) the assumption, and if applicable, the assignment of this Lease Agreement fully complies with the provisions of the Bankruptcy Code, including, but not limited to Sections 365(b)(1) and (3) and 365(f)(1) and (2) thereof; and
- (iv) the assumption and/or assignment has been ratified and approved through an order of the Bankruptcy Court or any other court having jurisdiction.

(c) No assignment of this Lease Agreement by the trustee or the "debtor in possession" shall be valid unless the proposed assignee has also satisfied the conditions provided in paragraphs (b) (i), (ii), (iii) and (iv) of this section, and all other requirements established in this Lease Agreement which further LANDLORD's public policy of promoting employment and the industrial development of Puerto Rico, which is accomplished by observing the capitalization, investment and employment levels stated in Section 1.08 and the continuance of operational requirements set forth in Section 4.02 of this Lease Agreement.

(d) Whenever a "debtor in possession" is required under the Bankruptcy Code to comply with its obligations as TENANT under this Lease Agreement, the Basic Rent and the other charges identified in this Lease

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Agreement as Additional Rent shall not be subject to adjustment and must be paid in full as provided in the pertinent sections of this Lease Agreement.

(e) Pursuant to Section 22.01 of this Lease Agreement, except where the provisions of the Bankruptcy Code mandate otherwise, the assignment of this Lease Agreement is prohibited.

(f) Unless agreed to by LANDLORD, under no circumstances will this Lease Agreement be renewed if the Term has expired or the Lease Agreement has terminated according to its provisions. No bankruptcy procedure shall annul, postpone or affect the expiration or termination of the Term of this Lease Agreement as provided in Article XVII or prevent LANDLORD from recovering possession of the Leased Premises at the expiration of the Term or upon earlier termination of this Lease Agreement.

ARTICLE XVIII TERMINATION BY BREACH

18.01 Breach by TENANT as Cause for Termination. In addition to, and separate from, any other cause for termination set forth in this Lease Agreement or available under applicable law, each of the following events or acts shall be considered a breach and constitute cause for termination, which termination will be effective upon written notice to TENANT:

(a) TENANT's failure to pay the Rent to LANDLORD within the term provided in Section 5.01 of this Lease Agreement, or upon failure to pay any other sum required to be paid hereunder within ten (10) days after its due date;

(b) TENANT's failure to pay the Rent to LANDLORD on or before the first day of the month, or failure to pay any other amount when due, on two or more occasions within any consecutive twelve (12) month period;

(c) TENANT's abandonment of the Leased Premises (as defined in Section 18.03 of this Lease Agreement), upon certification of such abandonment by the procedure provided in clause (b) of Section 18.03;

(d) if TENANT encumbers, assigns or transfers this Lease Agreement, in whole or in part, except as otherwise provided in this Lease Agreement;

(e) if TENANT makes a general assignment of its assets in benefit of its creditors;

(f) if TENANT fails to take physical possession of the Leased Premises within ten (10) days following the Date of Delivery of Possession;

18.02 Other Causes for Termination. In addition to the causes for termination set forth in Section 18.01, LANDLORD may terminate this Lease Agreement if TENANT fails to comply with any of TENANT's principal obligations hereunder within fifteen (15) days of receipt of written notice from LANDLORD requesting performance of any principal obligation. However, if TENANT shall have begun efforts toward performance within said fifteen (15) day period and continues to act diligently and makes every reasonable effort to perform, said period of fifteen (15) days may be extended by LANDLORD for a maximum period of sixty (60) days, as necessary for TENANT's performance of any principal obligation. Principal obligations under this Lease Agreement include, but are not limited to, the following:

- (i) TENANT's compliance with the levels of capitalization, investment, and employment as set forth in Section 1.08 of this Lease Agreement;

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- (ii) the duty of TENANT to not interrupt operations at the Leased Premises without prior notice to LANDLORD as provided in Section 4.02(b) of this Lease Agreement and that such interruption will not last for a period in excess of that period notified to LANDLORD. No interruption shall exceed three (3) months;
- (iii) the obligation of TENANT, when required hereunder, to submit any plans for LANDLORD's approval or any other information in connection with improvements and alterations to be made by TENANT to the Leased Premises;
- (iv) the compliance by TENANT of the environmental provisions of Article XII of this Lease Agreement; and
- (v) the prohibition to use or allow the Leased Premises or any part thereof to be used for illegal purposes or for a use that is not permitted by Section 1.07.

18.03 Abandonment. TENANT acknowledges that the Puerto Rico Industrial Development Company was established with the public purpose of promoting the creation of jobs and the continuous industrial development of Puerto Rico; that the capitalization, investment and employment levels, as detailed in Section 1.08 hereof, and the requirement of continued operations at the Leased Premises, in compliance with the provisions of Section 4.02 hereof, serve to that public purpose. In order to continuously and consistently comply with said public purpose, LANDLORD must maintain as available inventory the largest possible number of industrial facilities for the development of new projects or industries. Acts such as those described in clause (a) below, of this Section 18.03, defeat the purpose of this Lease Agreement, diminish the powers of the LANDLORD to maintain the largest number of industrial facilities in operation and in turn, impair LANDLORD's ability to pursue its established purpose. Therefore, TENANT recognizes that the delivery to LANDLORD of the keys to the Leased Premises constitutes conclusive proof of TENANT's intention to abandon the Leased Premises and any equipment, machinery, furniture or other property found within. TENANT also recognizes the fact that the voluntary abandonment of property at the Leased Premises through the delivery of the keys is incontrovertible evidence of TENANT's decision to forsake such property and renounce ownership thereof, giving LANDLORD the absolute right to dispose of said property, as established in clause (b)(ii) below.

(a) For the purposes of this Lease Agreement TENANT has abandoned the Leased Premises upon the occurrence of any of the following events:

- (i) should the TENANT deliver to LANDLORD the keys to the Leased Premises;
- (ii) should the TENANT cease operations and close down the Leased Premises, notwithstanding that equipment, machinery, furniture or other property remain thereat; and/or
- (iii) if TENANT removes or transfers its operations, personnel or equipment at the Leased Premises to another location, without the consent of LANDLORD.

(b) The following procedure is adopted by the parties hereto to confirm the act of "abandonment" by TENANT under clause (a) of this Section 18.03:

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- (i) If TENANT has incurred in any act of abandonment described in Section 18.03(a) hereof, LANDLORD will send TENANT, by certified mail, return receipt requested, a notice which will describe the act of abandonment committed by TENANT. From the date of said notice, TENANT shall have fifteen (15) days to discontinue the abandonment or to dispute in writing the information contained in LANDLORD's notice. Should the act of abandonment notified by LANDLORD continue for more than the fifteen (15) days provided herein, LANDLORD shall send a second notice to reconfirm the act of abandonment, which notice will be effective at the time the notice is sent.
- (ii) Once the act of abandonment is reconfirmed as provided in clause (b)(i) above, LANDLORD may declare this Lease Agreement terminated by notice to TENANT and such termination shall be effective as of the date mailed. The notice will contain a request to TENANT to remove within ten (10) days all equipment, machinery furniture or other property remaining at the Leased Premises, and contain a warning to TENANT that if such property is not removed in that time period, LANDLORD may either remove and store said property, at its own discretion, at the expense and cost of TENANT, or dispose freely of said property as it deems convenient and TENANT will have no right to claim or be compensated for the value of the abandoned property or for any damage or loss caused by such removal by LANDLORD.

(c) Subject to the performance of the procedure previously described, TENANT waives any claim and releases and holds LANDLORD harmless from any damage or loss that TENANT may suffer as a consequence of the removal and disposal of the property that TENANT has abandoned at the Leased Premises.

18.04 Termination by TENANT. TENANT may terminate this Lease Agreement, without penalty, should any of the following events occur:

(a) TENANT moves its operations to another of LANDLORD's premises having greater capacity, for the purpose of augmenting its operations in terms of capitalization, investment, or employment, if at such time TENANT is in compliance with the terms and conditions of this Lease Agreement; provided, however, that all expenses related to or resulting from said relocation shall be TENANT's responsibility; or

(b) should TENANT be denied a tax exemption for the production of one or more eligible manufactured products under the Puerto Rico Industrial Incentives Act, after having applied for said exemption with the Office of Industrial Tax Exemption; provided that the right to termination for this cause may only be exercised within thirty (30) days from the date of notice of denial. No TENANT whose manufacturing process was determined to be non-eligible for a tax exemption prior to entering into this Lease Agreement is eligible to terminate the Lease under this section.

18.05 LANDLORD's Options. (a) LANDLORD may terminate this Lease Agreement upon TENANT's breach of any of its obligations hereunder, or upon occurrence of any of the events of termination set forth in Sections 18.01 and 18.02 hereof. Said notice shall be given by certified mail with return receipt requested. The termination of this Lease shall become effective on the date indicated in said notice,.

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(b) Notwithstanding subsection (a), LANDLORD may always compel specific performance of the terms and conditions of this Lease Agreement and demand and protect its rights under this Lease Agreement through legal proceedings in law or equity to obtain the faithful performance of the covenants and obligations hereunder, including the payment of all amounts due under this Lease Agreement.

(c) Should any cause for termination arise, LANDLORD shall have available all the rights and remedies provided herein, which are separate and independent. LANDLORD's resort to any particular right and/or remedy will not deprive LANDLORD of any other right or remedy available at law or in equity.

(d) In the event LANDLORD terminates this Lease Agreement, TENANT's economic and environmental obligations and any other obligations of TENANT hereunder shall survive the termination and remain in effect until they are complied with to LANDLORD's satisfaction.

18.06 Damages. If LANDLORD elects to terminate this Lease Agreement in accordance with Section 18.05 hereof TENANT shall be responsible for payment of the following:

- (i) all Rent due and unpaid up to the date of termination;
- (ii) all losses, damages and costs incurred by LANDLORD as a consequence of the early termination of this Lease Agreement including, but not limited to expenses related to any notices by LANDLORD to terminate this Lease Agreement; collection costs; attorneys' fees during the termination process; and the costs of court proceedings, if any; the costs to repair the Leased Premises in order to restore them to the condition in which TENANT would have been obligated to deliver the premises had an early termination not been effected; and expenses incurred by LANDLORD to relet the Leased Premises in accordance with Section 18.07 of this Lease Agreement; and
- (iii) damages equivalent to the total amount of Basic Rent corresponding to the unexpired portion of the Term (i.e., the Basic Rent for the period between the date of termination and the expiration date of the Term in accordance with Sections 1.09 and 3.01 hereof), that LANDLORD would have received had the Lease Agreement not been terminated.

18.07 Right to Relet. (a) At any time after LANDLORD recovers possession of the Leased Premises or any portion thereof, whether or not this Lease Agreement is terminated pursuant to Section 18.05, LANDLORD may, but is not obligated to, relet the Leased Premises or part thereof, in TENANT's name (as a sublease) or in LANDLORD's own name, as LANDLORD deems it convenient. The reletting of the Leased Premises, or part thereof, shall be for a term and under conditions as LANDLORD, in its own discretion, determines advisable; including that the term of any relet may be for a period longer or shorter than the remaining balance of the Term hereunder. Any relet may include special provisions, such as rent credits, a rent lower than that fixed under this Lease Agreement, or no rent. TENANT acknowledges that the damages formula under Section 18.06 is not subject to adjustments should LANDLORD elect not to relet the Leased Premises or because the Leased Premises or part thereof is leased to a third party at a rent lower than that of this Lease Agreement.

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**ARTICLE XIX
RETURN OF LEASED PREMISES**

- 19.01 Surrender of Possession.** Upon termination of this Lease Agreement, at the expiration of the Term or otherwise, TENANT must vacate and surrender the Leased Premises to LANDLORD in good condition, reasonable wear and tear excepted, including all improvements, changes, or alterations made thereto with LANDLORD's consent and which LANDLORD does not require to be removed.
- 19.02 Holding Over.** Should TENANT remain in possession of the Leased Premises after the expiration of the Term and does not execute a new lease agreement with LANDLORD, LANDLORD at its option may consider the tenancy of the Leased Premises to be on a month-to-month basis, with a Rent equal to one hundred fifty percent (150%) of the last Monthly Rent amount under the Lease Agreement, subject to all other terms and conditions of this Lease Agreement consistent with a month-to-month term. TENANT shall indemnify LANDLORD for, and hold LANDLORD harmless from and against any damages, liabilities or expenses (including attorneys' fees) which result from TENANT's delay in surrendering the Leased Premises, including, without limitation, any claims made by succeeding TENANTS or third parties with LANDLORD had committed the Leased Premises, or part thereof. Acceptance of Rent after termination of this Lease Agreement shall not constitute in itself a renewal or novation of this Lease Agreement. None of the foregoing shall be deemed to constitute a waiver by LANDLORD of its right to recover the Leased Premises or any other right or remedy that LANDLORD may have under law, equity, or under this Lease Agreement.
- 19.03 Inspection of Leased Premises.** Upon expiration of the Term or termination of this Lease Agreement and prior to LANDLORD's acceptance of possession, the Leased Premises shall be inspected by LANDLORD, who shall certify in an inspection report the physical and environmental condition of the Leased Premises. The inspection report shall identify any deficient physical or environmental condition(s) of the Leased Premises that must be corrected, remedied, or repaired at TENANT's cost as a condition precedent to LANDLORD's acceptance of possession of the Leased Premises. Should TENANT fail take the corrective action required by the deficient condition of the Leased Premises as indicated in the inspection report within a reasonable time, LANDLORD may, but is not obligated to, perform the same, and TENANT shall reimburse LANDLORD for the cost of the corrective action.
- 19.04 Equipment, Machinery, and Furniture Not Removed.** Any equipment, machinery, furniture or other property of TENANT remaining at the Lease Premises after termination of the Term or the termination of this Lease Agreement may be removed by LANDLORD and stored in another location, and TENANT will be responsible for the removal and storage costs. In no event shall LANDLORD be liable for the value, preservation, or care of said property. Any sum that LANDLORD must pay or spend for removal and storage of the property shall be reimbursed by TENANT. Any equipment, machinery, furniture or other property not claimed within a term of thirty (30) days after the expiration or termination of this Lease Agreement, shall be deemed abandoned by TENANT. At LANDLORD's option, the property deemed abandoned by TENANT shall be transferred to LANDLORD without any other formality or document, and LANDLORD shall be entitled to freely dispose of the same without TENANT having any right or claim to any payment or consideration for said property.
- 19.05 TENANT's Liabilities.** Neither the expiration or termination of this Lease Agreement, nor the repossession of the Leased Premises or part thereof, nor the reletting of the Leased Premises or any part thereof, pursuant to the provisions hereof, shall release the TENANT of its financial or other obligations under this Lease Agreement, which obligations shall survive the expiration or termination of

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this Lease Agreement, as well as repossession or reletting of the Leased Premises.

ARTICLE XX LEGAL REQUIREMENTS

20.01 Legal and Insurance Compliance. (a) TENANT, at its own cost and expense, shall observe and comply with (i) any requirement or condition under any federal, state or municipal law or regulation (including any executive order or municipal ordinance) applicable now or in the future to the Leased Premises, or to the use of the Leased Premises (including but not limited to any federal, state or local law, regulation or ordinance applicable to air and water quality, toxic or hazardous materials or substances, waste disposal, emissions or any other environmental matter); (ii) all requirements or conditions to obtain, maintain, and when appropriate, renew all permits and endorsements necessary to use the Leased Premises for the purposes allowed by this Lease Agreement and by the use permit issued by ARPE for the Leased Premises; (iii) the requirements of the insurance companies having issued policies for the Leased Premises as provided by Article XV of this Lease Agreement; (iv) any real estate condition, lien or encumbrance affecting the Leased Premises; (v) all zoning and land use requirements; and (vi) any other requirement imposed by law that compels any duty or obligation with respect to the use or occupation of the Leased Premises.

(b) TENANT's compliance with any requirement described above shall be at TENANT's cost and expense, including, but not limited to, any other expense related to improvements or installations required by any agency or government instrumentality with jurisdiction, as a condition to the issuance or renewal of a permit or endorsement for the operations that TENANT is to carry out at the Leased Premises.

(c) TENANT, upon request of LANDLORD, shall submit evidence of its compliance with the above requirements or of the validity of permits and endorsements of the administrative agencies TENANT requires for its operations at the Lease Premises.

ARTICLE XXI ASSIGNMENT AND SUBLEASE

21.01 Assignment and Sublease. TENANT shall not (i) assign this Lease Agreement, sublet the Leased Premises or any part thereof, mortgage its leasehold right over the Leased Premises or otherwise place a lien upon its right or any interest in this Lease Agreement in favor of any person or entity; (ii) allow by operation of law the constitution of any lien over TENANT's leasehold right over the Leased Premises or the transfer of TENANT's leasehold right over the Leased Premises to a third party; (iii) allow the use or occupation of the Leased Premises, or part thereof, by any person or entity that is not TENANT, its agents or employees. Except as provided in Article XVII of this Lease Agreement, under no circumstances may this Lease Agreement be assigned in a voluntary or involuntary bankruptcy proceeding, and under no circumstances shall this Lease Agreement or the rights or privileges granted to TENANT herein constitute an asset of TENANT under a bankruptcy, insolvency or reorganization proceeding.

21.02 Change of Control. The transfer of TENANT's voting stock, a change of control in TENANT or change in the persons or entities having a direct or indirect interest in a TENANT that is not a corporation (any of the foregoing hereinafter a "change of control"), shall be considered as an assignment for purposes of this Article XXI. Nevertheless, the above shall not apply to transfers of shares of voting stock traded in a nationally recognized stock exchange or reported through a national quotation system, provided that those shares transferred remain outstanding in said market or quotation system after the transfer. For

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purposes of this Section 21.02, a change of control of a corporation shall be deemed to have occurred at any time and as frequently as the persons who hold the majority of voting stock of said corporation as of the date of this Lease Agreement, or who immediately after the date on which any change of control occurs, cease to be owners of the majority of said stock, be it in one or a series of transactions. The term "voting stock" means the stock of a corporation regularly having voting rights in the election of corporate directors. In the case of a partnership, a change of control shall be deemed to have occurred at any time that a change in any of the managing partners of said partnership occurs.

- 21.03 Permitted Assignments and Subleases.** As an exception to the general rule established in Section 21.01 of this Lease Agreement, and subject to LANDLORD's prior consent, TENANT may assign its rights under this Lease Agreement, or sublease the Leased Premises or a part thereof, to any parent, affiliate, or subsidiary whose operations are compatible with those of TENANT. LANDLORD's consent to the assignment or sublease will require TENANT to be in full compliance with its obligations under this Lease Agreement, including the payment of Rent.

ARTICLE XXII GENERAL PROVISIONS

- 22.01 Signs and Advertising.** TENANT shall not install or permit to be installed or erected any poster, sign or structure of any kind on the roof or exterior walls of the Building or in any other part of the Leased Premises without previous written consent of LANDLORD.
- 22.02 Parking.** Should the number of parking spaces available at the Leased Premises not satisfy TENANT's requirements, LANDLORD shall not be responsible for TENANT's parking requirements, and TENANT hereby releases LANDLORD of any duty or responsibility with respect to parking.
- 22.03 Attorneys' Fees.** TENANT shall pay all of LANDLORD's charges and expenses, including court costs and attorneys' fees in any action (a) commenced by LANDLORD in order to obtain TENANT's compliance with any of its obligations and commitments under this Lease Agreement, or said charges and expenses incurred by LANDLORD in any action filed by TENANT in which LANDLORD prevails. TENANT shall pay all charges and expenses including court costs and attorneys' fees incurred by LANDLORD in any litigation, negotiation, or transaction in which TENANT requires LANDLORD's intervention or participation, where no fault or negligence is claimed against LANDLORD.
- 22.04 Successors and Assignees.** This Lease Agreement shall bind and inure to the benefit of each of the parties, in their respective capacities as LANDLORD and TENANT, and their respective successors and assigns; provided, however, should title to the Leased Premises be transferred, either voluntarily or by operation of law, the entity or natural person acquiring title shall take title free of all liability to perform this Lease Agreement, unless the entity or natural person expressly assumes and accepts the obligations as LANDLORD under this Lease Agreement by means of a written instrument in which the new titleholder and TENANT appear.
- 22.05 LANDLORD's Obligations to Lease.** (a) The mere delivery to TENANT of an unsigned draft of this Lease Agreement for TENANT's review and consideration does not create in TENANT a right of option nor does it bind LANDLORD in any way to lease the Leased Premises to TENANT. LANDLORD's obligation to lease under this Lease Agreement shall not be binding until LANDLORD has executed same upon approval by LANDLORD's Board of Directors or LANDLORD's Executive Director, as the case may be.

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(b) TENANT shall have thirty (30) days after receipt of the final lease agreement prepared for the Leased Premises to execute same. Should TENANT not execute and return the lease agreement to LANDLORD within thirty (30) days after receipt, LANDLORD shall have no obligation to lease, and any rights TENANT possessed in and to the Leased Premises shall be extinguished.

22.06 Definition of the Term "TENANT". The term "TENANT" as used in this Lease Agreement shall be construed as plural if there be more than one person or entity appearing and executing this Lease Agreement as TENANT. All changes and grammatical adjustments required to make the provisions of this Lease Agreement apply equally to corporations, partnerships or other entities, or individuals shall, in all instances, be construed as incorporated into the text of the document. Whenever TENANT consists of two or more persons or entities each shall be jointly and severally ("solidariamente") bound hereunder.

22.07 Headings. The headings of the articles and sections of this Lease Agreement are for convenience only and do not limit, expand, or define the contents of the articles and sections hereof.

22.08 Late Charges. (a) All payments that TENANT is obligated to make under this Lease Agreement, including without limitation, the Deposit, the Basic Rent, the Additional Rent, and any adjustment thereto, shall bear interest from its due date until payment in full, at a rate of one percent (1%) over the prime rate charged by the principal commercial banks in the city of New York as of the date the payment is due. Should the interest be held as usurious, then interest shall be deemed to have accrued at and continue to accrue at accrue the maximum rate of interest permissible, as established by the Interest Rate and Finance Charges Regulatory Board created by Act No. 1, of October 15, 1973, as amended (P.R. Laws Ann. Tit 10, sec. 998), or any future law or regulation.

(b) Should TENANT fail to make a Rent payment within ten (10) days after its due date, then TENANT shall also pay to LANDLORD a penalty to recover LANDLORD's administrative expenses and collection costs equal to (i) one hundred dollars (\$100.00) per day, or (ii) for each day the amount owed is past due, one half of one percent (0.05%) of the overdue amount, whichever is greater. Anything contained in this section regarding the payment of overdue amounts shall not constitute an extension of the due date of any amount TENANT is obligated to pay under this Lease Agreement, nor or shall it constitute a waiver of TENANT's obligation to pay such amounts as provided in this Lease Agreement.

22.09 Lease Guaranty. Simultaneously with the execution and delivery of this Lease Agreement, if required by LANDLORD, TENANT shall deliver the Lease Guaranty to LANDLORD duly executed by the Guarantor identified in Section 1.15 hereof, if any, which Lease Guaranty shall be in form substantially similar to Attachment G hereto.

22.10 Performance. Whenever a requirement, obligation, or liability is imposed upon one of the parties hereto, the concerned party shall comply with or satisfy said requirement, obligation or liability at its own expense, unless specifically provided to the contrary.

22.11 Entire Agreement. This Lease Agreement, along with its attachments contains all the terms, conditions, agreements and covenants between the parties with respect to the Leased Premises; it substitutes and nullifies any other lease agreement or other agreement, oral or written, between the parties regarding the occupation and use of the Leased Premises by TENANT, including any letter of agreement that governed the relationship between the parties prior to and during the negotiation of this Lease Agreement. This Lease Agreement shall only be

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modified, amended, altered, or canceled by a written document subscribed by both parties.

- 22.12 Force Majeure.** In the event that LANDLORD shall be hindered or delayed in the performance of any of its obligations or commitments under this Lease Agreement by reason of force majeure, the performance of such act shall be excused for the period of time which it is reasonably understood that said act or event hinders its performance. Force majeure is understood as any incident or occurrence beyond LANDLORD's control, including, but not limited to, lock-outs, strikes, shut downs or labor disputes; inability to obtain necessary materials; riots, acts of war and insubordination; fires, explosions, accidents and acts of sabotage; lack of electricity or fuel; floods, earthquakes, torrential rains and hurricanes; administrative, governmental or court orders or injunctions; federal, state or municipal laws and regulations; the revocation, modification or suspension of a permit, license or other necessary authorization; matters of national security; acts or occurrences directly or indirectly caused by TENANT (its agents, employees, contractors, or invitees); or any other situation or event reasonably beyond LANDLORD's control. In said situation, the period of time for LANDLORD to comply with any obligation or commitment shall automatically be extended for a period equivalent to the period of duration of such force majeure.
- 22.13 Safety Programs.** TENANT agrees to cooperate, assist and participate in any program LANDLORD develops or adopts to address any emergency or occurrence constituting force majeure.
- 22.14 Estoppel Certificate.** TENANT, upon LANDLORD's request, shall provide LANDLORD with an Estoppel Certificate wherein TENANT certifies that (i) this Lease Agreement is unmodified and in full force and effect (or if any modifications, TENANT will specify such modifications and certify that this Lease Agreement as modified is in full force and effect); (ii) the date upon which TENANT began paying Basic Rent and the dates in which all Rent payments were made; (iii) that LANDLORD is not in default under any provision of this Lease Agreement; (iv) that the work by LANDLORD to the Leased Premises, was completed as agreed and that TENANT is in possession of the Leased Premises, (iv) TENANT has no claims against LANDLORD under this Lease Agreement, and (vi) that there is no petition, whether voluntary or otherwise, pending as to TENANT under the bankruptcy laws of the United States.
- 22.15 TENANT's Duties; LANDLORD's Rights.** All obligations and agreements which TENANT is to perform or carry out under the terms of this Lease Agreement, shall be done exclusively at TENANT's expense, and without a right to set-off or adjustment against Rent. Should TENANT breach or fail to perform any of the obligations under this Lease Agreement, and said default persists for more than ten (10) days from the delivery by hand or the U.S. Mail of LANDLORD's notice demanding performance thereof, LANDLORD shall be entitled, but shall not be obligated, to act as required to remedy said situation, without waiving or releasing TENANT from its liability with respect to said obligation. Any sum paid or expense incurred by LANDLORD in said efforts shall accrue interest pursuant to the provisions of Section 22.08 hereof and must be paid by TENANT to LANDLORD upon demand.
- 22.16 Relationship Between the Parties.** The relationship existing between the parties hereto is that of LANDLORD and TENANT exclusively, and nothing provided for in this Lease Agreement shall be interpreted as creating a partnership, joint venture, principal and agent relationship or any other type of relationship between parties.
- 22.17 Nullity or Partial Invalidity.** If any term, clause, section or article of this Lease Agreement, or the application or enforceability thereof, be declared null, invalid or unenforceable by a final order or judgment from a court having jurisdiction, the

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remainder of the Lease Agreement, or the application of said term, clause, section or article to persons or circumstances other than those against whom the nullity, invalidity or unenforceability was declared, shall not be affected by said order or judgment, and each term and condition in this Lease Agreement shall be valid and enforceable to the extent permitted by law and consistent with said order or judgment.

22.18 Accord and Satisfaction. No payment by TENANT, or the acceptance by LANDLORD of an amount less than the Rent herein stipulated shall be deemed to be other than a payment toward the stipulated Rent, nor shall any endorsement or statement on any check or any letter or other communication accompanying any check or payment as Rent be deemed an accord and satisfaction, and LANDLORD may accept such check or payment without prejudice to LANDLORD's right to recover the balance of such Rent or pursue any other remedy provided in this Lease Agreement or at law or equity.

22.19 Applicable Law. This Lease Agreement is executed, and its terms and conditions shall be construed and enforced, in accordance with the laws of the Commonwealth of Puerto Rico.

22.20 Jurisdiction and Competency. The parties agree that any action, proceeding, claim, counterclaim or any other kind of judicial action that either of the parties initiates against the other regarding (i) any matter that arises out of or related to this Lease Agreement; (ii) the legal relationship existing between LANDLORD and TENANT; (iii) the use or occupation of the Leased Premises by TENANT; (iv) any claim for damages; and/or (v) any statutory remedy, shall be filed and litigated before the Court of First Review of Puerto Rico.

22.21 Net Lease. TENANT recognizes and admits, without limiting the meaning of any other terms and conditions of this Lease Agreement, and as otherwise provided in this Lease Agreement, that the intentions of the parties in this Lease Agreement are that all Rent to be paid by TENANT to LANDLORD under this Lease Agreement, must be paid to LANDLORD, without deduction or setoff of any kind, and that any and all expenses incurred regarding the Leased Premises, or regarding TENANT's operations in the Leased Premises, including any assessments, taxes, municipal operating licenses, charges, special license and permit fees, insurance premiums, electricity, water, gas, telephone bills and other similar services, cost of repair, maintenance and operation of the Leased Premises or Property, together with all such fixtures that are placed on, attached to, installed or contained in the Leased Premises, shall be paid by TENANT.

22.22 Notices. All notices, claims or communications between the parties referred to or required by this Lease Agreement shall be in writing and sent by certified mail, return receipt requested, or personally delivered, to the addresses of the parties set forth in Sections 1.02 and 1.04 of this Lease Agreement. Any address change shall be notified to the other party in writing not less than thirty (30) days before the effective date of said change.

22.23 Non-Waiver. The failure of either party to demand strict performance of any of the provisions of this Lease Agreement upon default of any provision by the other party shall not constitute nor may it be construed as a waiver of said party's right to demand performance of any provision in the future if the default continues, or if the other party should later repeat the default with respect to the same provision. The receipt or acceptance by LANDLORD of the Rent or any other amount payable by TENANT under this Lease Agreement, with or without knowledge of TENANT's default on any obligation or condition under this Lease Agreement, shall not be deemed as release by LANDLORD in favor of TENANT from compliance with said obligation or condition, nor a waiver of LANDLORD's rights or remedies under this Lease Agreement with regard to said default. The consent or approval given by LANDLORD for any act by TENANT which requires

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said consent or approval, is solely and exclusively limited to the act or event for which said consent or approval was given, and should not be understood as a waiver of any requirement for prior consent or approval for a similar act by TENANT in the future.

- 22.24 Cumulative Remedies.** The rights and remedies of each of the parties in this Lease Agreement are independent, separate and cumulative. The exercise, or failure to exercise any right or remedy, shall not be interpreted or deemed to exclude or bar the exercise of any other right or remedy of either party under this Lease Agreement or under any law or regulation.
- 22.25 Brokers.** Each party represents and warrants to the other party that it has not engaged nor used the services of a real estate broker or agent in connection with this lease, and that no real estate agent has participated at any time in the negotiation of this Lease Agreement. Notwithstanding the foregoing, the liability for the payment of any commission or compensation claimed by any real estate professional who may have rendered services to any party with respect to this Lease Agreement shall be borne by the party that engaged said real estate professional, and furthermore said party shall indemnify the other against any damages, liability, expenses and/or attorney's fees, arising from any claim or lawsuit of any real estate professional for any commission allegedly owed for any service rendered.
- 22.26 Cross Default.** Any default by TENANT under any other agreement with LANDLORD shall be considered a default under this Lease Agreement.
- 22.27 Representations.** TENANT expressly represents that neither LANDLORD nor its directors, officers, agents, employees or representatives has made any representations or promises with respect to the Leased Premises, except as expressly provided in this Lease Agreement.
- 22.28 Financial Statements.** Upon request of LANDLORD, TENANT must to submit to LANDLORD, within ninety (90) days after the expiration of TENANT's fiscal year, a certified financial statement issued by an authorized certified public accountant. The certified financial statement will include: (a) TENANT's capital; (b) TENANT's long-term debts and capitalization; (c) TENANT's investment in machinery and its ability to provide employment; (d) taxes paid by TENANT, including Social Security payments; and (e) any other information that is required by this Lease Agreement. Should TENANT fail to deliver the certified financial statement, LANDLORD shall obtain this information at TENANT's cost and TENANT shall permit LANDLORD access to TENANT's books and records at TENANT's main offices in Puerto Rico for this purpose.
- 22.29 Additional Documents.** If TENANT is a corporation, TENANT agrees to submit to LANDLORD contemporaneously with the execution and delivery of this Lease Agreement (a) evidence of TENANT's registration with the State Department of the Commonwealth of Puerto Rico, including the name and address of its resident agent; and (b) a certificate of corporate resolution of TENANT's Board of Directors which authorizes or ratifies the execution of this Lease Agreement. If TENANT is a partnership, TENANT represents and warrants that this Lease Agreement has been subscribed by all managing partners or administrators representing TENANT, and that the same constitutes a valid and enforceable agreement for the partnership and each and every one of the partners, and also, that each and every one of TENANT's present and future partners are now and shall remain at all times jointly and severally liable under this Lease Agreement. TENANT represents and warrants that the death, resignation or retirement of any partner shall not release said partner from its liability under the terms of this Lease Agreement without LANDLORD's consent in writing.

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22.30 Fiscal Liabilities. (a) TENANT represents and warrants that, at the time of execution of this Lease Agreement (i) it has filed tax returns for the last five (5) years; (ii) that TENANT has no outstanding tax debt with the Government of Puerto Rico nor with the United States Government (if applicable) that is not subject to a payment plan which is current as of the date of execution of this Lease Agreement; (iii) and has paid its unemployment taxes, disability and social security taxes (as applicable), or is in compliance with a payment plan therefor and in compliance with the terms and conditions thereof.

(b) TENANT expressly recognizes that the compliance with the provisions of this Section 22.30 is an essential condition of this Lease Agreement, and if any representation or warranty is not accurate, in whole or in part, the same shall constitute cause for LANDLORD to terminate this Lease Agreement.

22.31 Debt Certification. TENANT warrants to LANDLORD that neither TENANT nor its partners (or if TENANT is a corporation, its directors, officers or stockholders) owe any amount to LANDLORD or to any agency or instrumentality of the Government of Puerto Rico, either personally or under this or any other corporate or partnership name.

22.32 Non-Conflict Certification. TENANT represents and warrants to LANDLORD that there is no conflict of interest, neither actual or potential, between LANDLORD and any of TENANT's directors, officers, employees, partners and agents, as a result of business, labor, economic, or family relationships, or for any other reason. TENANT hereby covenants that upon LANDLORD's request TENANT shall deliver to LANDLORD a sworn statement from any of its directors, officers, employees, and/or agents that will confirm the veracity of TENANT's representation and warranty contained in this provision.

22.33 TENTANT has been notified by LANDLORD that It has retained the professional service of a credit reporting agency in order to obtain credit references of its TENANTS and that its results can be used for financial and credit evaluations.

IN WITNESS WHEREOF, the parties subscribe this Lease Agreement on the dates below stated.

LANDLORD:

PUERTO RICO INDUSTRIAL
DEVELOPMENT COMPANY
S.S.P.#66-0292871

By: *Anibal Espinosa*
Name: Anibal Espinosa Valentin, Esq.
Title: Assistant Finance Executive Director
Date: DECEMBER 26 / 2007

TENANT:

CARIBE G.E.
S.S.P.# 66-0500295

By: *Ruben Gonzalez*
Name: Ruben Gonzalez
Title: President and G.M.
Date: 12/26/2007

rfv

INITIALS/
<i>aw</i>
<i>aw</i>

O.I.M. *[Signature]*


FOMENTO

 ESTADO LIBRE ASOCIADO DE PUERTO RICO
 Compañía de Fomento Industrial

CERTIFICACIÓN

Yo, Jaime A. Riera Seivane, Secretario Corporativo de la Compañía de Fomento Industrial de Puerto Rico, CERTIFICO que:

"La Junta de Directores de la Compañía de Fomento Industrial de Puerto Rico (CFI), en su reunión del 12 de septiembre de 2007, autorizó renovar dos contratos de arrendamiento entre Caribe General Electric y la CFI, sin el aumento que se aplica a las renovaciones, el cual se mantendría vigente hasta el 31 de diciembre de 2008, de las propiedades que se desglosan a continuación localizadas en Añasco y San Germán:

Núm. Proyecto	Periodo del Contrato	Canon	Municipio
T-0776-0-66, 1-69, 2-74, 3-89	01/01/2007-12/31/2008	\$2.20	Añasco
T-0497-0-58, 1-85		\$2.75	San Germán
T-0753-0-66, 1-89		\$2.20	

Total de pies cuadrados en San Germán y Añasco = 144.668.06

Núm. Lote	Municipio	Canon
L-1542-62-100	Añasco	\$2,125.00
L-0490-55-100	San Germán	\$1,667.00

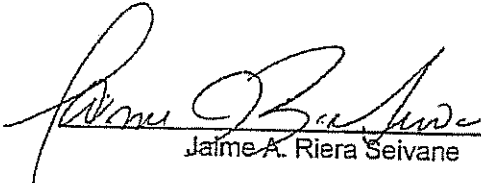
Además, autorizó agrupar en un contrato único ("master lease contract") las propiedades de Añasco y San Germán arriba mencionadas con las propiedades ubicadas en los municipios de Arecibo, Vega Alta, Vega Baja, Patillas, Humacao y Vieques comenzando el 1 de enero de 2009, con la aplicación de un 11% de aumento al canon que a ese momento se esté facturando al arrendatario por todas sus propiedades. El contrato único garantizará un acuerdo de arrendamiento por un período de diez (10) años, contados a partir del 1 de enero de 2009, de 537,272.39 pies cuadrados de construcción.

Se incorporan a esta certificación todos los términos y condiciones mencionados en la propuesta presentada a la Junta de Directores de la CFI.



ESTADO LIBRE ASOCIADO DE PUERTO RICO
Compañía de Fomento Industrial

En San Juan, Puerto Rico, a 2 de octubre de 2007.


Jaime A. Riera Seivane

Affidávit Núm.: 480

Jurada y suscrita ante mí por Jaime A. Riera Seivane, mayor de edad, casado, abogado y vecino de San Juan, Puerto Rico, en su carácter de Secretario Corporativo de la Compañía de Fomento Industrial, a quien doy fe de conocer personalmente.

En San Juan, Puerto Rico, a 2 de octubre de 2007.




Notario Público

acw

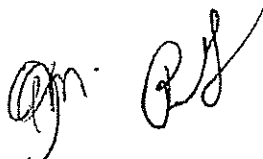


ATTACHMENT TO THE 1.14 CLAUSE OF THE 2007 MASTER LEASE AGREEMENT

Summary of the Security Deposit per plant for the 2004 Lease Agreements.

PLANT	BUILDINGS
ANASCO/ SENSING	T-1278-0-80
SECURITY DEPOSIT	\$5,981.24
ANASCO/ RELAYS	T-0776-0-66, 1-69, 2-74 & 3-89
SECURITY DEPOSIT	\$21,246.47
SAN GERMAN/ METERS	T-0497-0-58, 1-85
SECURITY DEPOSIT	\$25,759.14
SAN GERMAN/ DISTRIBUTION COMPONENTS	T-0753-0-66, 1-89, T-0881-0-67
SECURITY DEPOSIT	\$3,770.60
ARECIBO/ COMPONENTS	T-0301-0-56, 1-73, T-0303-0-56, 1-58, 2-61, 3-64
SECURITY DEPOSIT	\$20,877.45
ARECIBO/PLATING	T-0302-0-56-0-81
SECURITY DEPOSIT	\$4,817.71
VEGA ALTA/ CONT	S-0174-0-53
SECURITY DEPOSIT	\$36,467.28
VEGA BAJA	T-1154-0-54, 1-75
SECURITY DEPOSIT	\$26,676.60
PATILLAS	S-0726-0-65, 1-68
SECURITY DEPOSIT	\$20,554.59
HUMACAO	S-0161-0-53, 1-73, S-1336-0-82
SECURITY DEPOSIT	\$32,349.74
VIEQUES	T-0849 and Ext.
SECURITY DEPOSIT	\$0.00
Total Security Deposit	\$198,500.82

acw

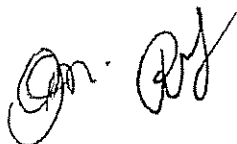


ATTACHMENT TO THE 1.08 CLAUSE OF THE 2007 MASTER LEASE AGREEMENT

Summary of the Minimum Levels of Capitalization, Machinery and Equipment and Employees per Plant.

PLANT	TOTAL
ANASCO/ SENSING	T-1278-0-80
CAPITALIZATION	\$840,673.00
MACHINERY AND EQUIPMENT	\$840,673.00
EMPLOYMENT	90
ANASCO/ RELAYS	T-0776-0-66, 1-69, 2-74 & 3-89
CAPITALIZATION	\$1,575,000.00
MACHINERY AND EQUIPMENT	\$1,575,000.00
EMPLOYMENT	175
SAN GERMAN/ METERS	T-0497-0-58, 1-85
CAPITALIZATION	\$9,375,000.00
MACHINERY AND EQUIPMENT	\$9,375,000.00
EMPLOYMENT	580
SAN GERMAN/ DISTRIBUTION COMPONENTS	T-0753-0-66, 1-89, T-0881-0-67
CAPITALIZATION	n/a
MACHINERY AND EQUIPMENT	n/a
EMPLOYMENT	Included in San Germán Total
ARECIBO/ COMPONENTS	T-0301-0-56, 1-73, T-0303-0-56, 1-58, 2-61, 3-64
CAPITALIZATION	\$483,000.00
MACHINERY AND EQUIPMENT	\$483,000.00
EMPLOYMENT	369
ARECIBO/PLATING	T-0302-0-56-0-81
CAPITALIZATION	\$200,000.00
MACHINERY AND EQUIPMENT	\$200,000.00
EMPLOYMENT	Included in Arecibo Total
VEGA ALTA/ CONT	S-0174-0-53
CAPITALIZATION	\$600,000.00
MACHINERY AND EQUIPMENT	\$50,000.00
EMPLOYMENT	251
VEGA BAJA	T-1154-0-54, 1-75
CAPITALIZATION	\$5,505,000.00
MACHINERY AND EQUIPMENT	\$5,505,000.00
EMPLOYMENT	123
PATILLAS	S-0726-0-65, 1-68
CAPITALIZATION	\$2,500,000.00
MACHINERY AND EQUIPMENT	\$2,500,000.00
EMPLOYMENT	184
HUMACAO	S-0161-0-53, 1-73, S-1336-0-82
CAPITALIZATION	\$450,000.00
MACHINERY AND EQUIPMENT	\$450,000.00
EMPLOYMENT	372
VIEQUES	T-0849 and Ext.
CAPITALIZATION	\$300,000.00
MACHINERY AND EQUIPMENT	\$300,000.00
EMPLOYMENT	44

acc



DESCRIPCION EDIFICIO T-1278-0-80 LOCALIZADO EN EL SOLAR 6 DE LA URBANIZACION INDUSTRIAL DEL BO. LAS MARIAS DE AÑASCO, PUERTO RICO

Edificio típico con techo inclinado a dos aguas de acero galvanizado con un espesor #22 cubierto con una aislación de 1.0 pulgadas de fibra de vidrio y un sistema de impermeabilización de techo que consiste de dos capas de felpa y terminación en capa mineral. El techo tiene instalados extractores de aire para ventilar el edificio. Está sostenido sobre viguetas de acero apoyadas en armazones de vigas y columnas de acero sobre pedestales y zapatas de hormigón armado. El edificio tiene unas dimensiones exteriores de 240'-8" x 90'-6" con un área de 21,780.64 pies cuadrados para manufactura, estructura anexa para uso de servicios sanitarios de 60'-6" x 12'-6" con un área de 756.25 pies cuadrados y un pórtico de entrada de 16'-2" x 8'-4", con un área de 134.70 pies cuadrados. El área total del edificio es de 22,671.59 pies cuadrados.

El piso es una losa de 4 pulgadas de hormigón armado con terminación monolítica de cemento y está diseñada para soportar una carga viva de 150 libras por pie cuadrado.

Las paredes exteriores son en bloques de hormigón empañetados y pintados por ambos lados. Las paredes interiores de la estructuras anexas están empañetadas y pintadas con pintura epóxica. El plafón en la parte inferior del techo es de metal corrugado, pintado.

Las ventanas del edificio son tipo Miami en aluminio.

Las puertas interiores del edificio son en madera, las exteriores son en metal, 2 puertas arrolladizas en metal han sido instaladas en las área de carga.

La altura total interior de la estructura es de 12'-2 1/2", medida desde la losa de piso hasta la parte más baja de la viga de acero en los lados del edificio.

AAR/wgo
10/14/91

**DESCRIPTION OF BUILDING T-0776-0-67 AT
AÑASCO, PUERTO RICO**

This is a pitched roof type building consisting of reinforced concrete foundations, structural steel columns and girders supporting 30 feet long steel joists which in turn support gauge # 22 standard galvanized steel deck, covered by 1" fiberglass insulation and a 3 plies built up roofing. This building has no monitors but roof ventilators are provided.

The structure consists of a main floor 181'-0" x 120'-6" out to out dimension for an area of 21,810.50-sq. ft. of manufacturing space; a lean to 60'-6" x 10'-6" for an area of 635.25 sq.ft.. This amounts to the total area of 22,445.75 sq. ft. of covered space.

The floor consists of a 3-1/2" thick reinforced concrete slab. Designed for a live load of 150 pounds per square feet.

Exterior walls are of concrete blocks, plastered and painted on both sides.

Ceiling is steel deck and painted throughout the building.

Interior walls at the lean-to are plastered and painted.

Windows are Miami aluminum type throughout the building.

Exterior doors are industrial metal types and interior doors are made of plywood.

Clearance in the manufacturing area from finish floor to lowest part of beams at the side's eaves is 12'-9".

~~JCV~~
JCV/EA
16/oct./01

aa

**DESCRIPTION OF BUILDING T-0776-1-68 AT
AÑASCO, PUERTO RICO**

This is a pitched roof type building consisting of reinforced concrete foundations, structural steel columns and girders supporting 30 feet long steel joists which in turn support gauge # 22 standard galvanized steel deck, covered by 1" fiberglass insulation and a 3 plies built up roofing. This building has no monitors but roof ventilators are provided.

The structure consists of a main floor 120'-2" x 60'-8" out to out dimension for an area 7,290.71 of -sq. ft. of manufacturing space. This amounts to the total area of 7,290.71 sq. ft. of covered space.

The floor consists of a 3-1/2" thick reinforced concrete slab. Designed for a live load of 150 pounds per square feet.

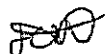
Exterior walls are of concrete blocks, plastered and painted on both sides.

Ceiling is steel deck and painted throughout the building.

Windows are Miami aluminum type throughout the building.

Exterior doors are industrial metal type.

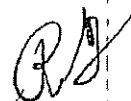
Clearance in the manufacturing area from finish floor to lowest part of beams at the side's eaves is 12'-2".



JCV/EA

16/oct./01

aeu



**DESCRIPTION OF BUILDING T-0776-2-74 AT
AÑASCO, PUERTO RICO**

This is a pitched roof type building consisting of reinforced concrete foundations, structural steel columns and girders supporting 30 feet long steel joists which in turn support gauge # 22 standard galvanized steel deck, covered by 1" fiberglass insulation and a 3 plies built up roofing. This building has no monitors but roof ventilators are provided.

The structure consists of a main floor 120'-6" x 60'-0" + 90'-6" x 90'-3" out to out dimension for an area 15,397.63 of -sq. ft. of manufacturing space; a lean-to of 30'-0" x 10'-6" with an area of 315.00 sq. ft.. This amounts to the total area of 15,712.63 sq. ft. of covered space.

The floor consists of a 3-1/2" thick reinforced concrete slab. Designed for a live load of 150 pounds per square feet.

Exterior walls are of concrete blocks, plastered and painted on both sides.

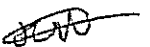
Ceiling is steel deck and painted throughout the building.

Interior walls at the lean-to are plastered and painted.

Windows are Miami aluminum type throughout the building.

Exterior doors are industrial metal type and interior are made of plywood.

Clearance in the manufacturing area from finish floor to lowest part of beams at the side's eaves is 12'-2".


JCV/EA
16/oct./01

aeu

**DESCRIPTION OF BUILDING T-0776-3-89 AT
AÑASCO, PUERTO RICO**

This is a pitched roof type building consisting of reinforced concrete foundations, structural steel columns and girders supporting 30 feet long steel joists which in turn support gauge # 22 standard galvanized steel deck, covered by 1-1/2" fiberglass insulation and a 3 plies built up roofing. This building has no monitors but roof ventilators are provided.

The structure consists of a main floor 181'-0" x 121'-8" out to out dimension for an area 22,022.27 of -sq. ft. of manufacturing space; a lean-to of 23'-0" x 12'-6" with an area of 287.50 sq. ft. for sanitary facilities, and an entrance porch of 22'-0" x 31'-4" + 16'-0" x 17'-0" + .50(7'-0" x 14'-0") + .50(14'-0" x 17'-0") for an area of 1,129.26 sq. ft.. This amounts to the total area of 23,439.03 sq. ft. of covered space.

The floor consists of a 6" thick reinforced concrete slab. Designed for a live load of 150 pounds per square feet.

Exterior walls are of concrete blocks, plastered and painted on both sides.

Ceiling is steel deck and painted throughout the building.

Interior walls at the lean-to are plastered and painted.

Windows are Miami aluminum type throughout the building.

Exterior doors are industrial metal type and interior are made of plywood.

Clearance in the manufacturing area from finish floor to lowest part of beams at the side's eaves is 12'-2-1/2".

ae~

~~JCV~~
JCV/EA
16/oct./01

PA

**DESCRIPTION OF BUILDING T-0497-0-58 AT
SAN GERMAN, PUERTO RICO**

This is a pitched roof type building consisting of reinforced concrete foundations, columns and girders supporting 30 feet long concrete joists which in turn support prestressed concrete slabs (poretas), covered by 1.3" polyurethane insulation and a 4 plies built up roofing. This building has no monitors but roof ventilators are provided.

The structure consists of a main floor 121'-6" x 90'-10" out to out dimension for an area of 11,035.85-sq. ft. of manufacturing space. A lean-to area 31'-2" x 10'-6" for an area of 327.29 ; an entrance porch 14'-0" x 7'-0" for an area of 98.00 sq. ft.. This amounts to a total area of 11,461.14 sq. ft. of covered floor space.

The floor consists of a 4" thick reinforced concrete slab designed for a load capacity of 150 pounds p.s.f. with monolithic cement finish.

Exterior walls are of concrete blocks, plastered and painted on both sides.


Ceiling is rubbed and painted throughout the building.

Interior walls at the lean-to are plastered and painted.

Windows are Miami aluminum type throughout the building.

Interior doors are made of wood and exterior doors are industrial metal types.

Clearance in the manufacturing area from finish floor to lowest part of beams at the side's eaves is 12'-0".


JCV/EA
16/oct./01

acw

**DESCRIPTION OF BUILDING T-0497-1-85 AT
SAN GERMAN, PUERTO RICO**

This is a pitched roof type building consisting of reinforced concrete foundations, columns and girders 30'-0" long steel joists which in turn support gauge #22 standard galvanized steel deck covered by 1.3" polyurethane and a Derbigum (Derbicolor) roofing. Roof ventilators are provided.

The structure consists of a main floor 199'-6" x 90'-10" + 259'-6" x 68'-0" out to out dimension for an area of 35,766.59-sq. ft. of manufacturing space. A lean-to area 30'-0" x 12'-6" for an area of 375.00 sq. ft. provided for sanitary facilities; another lean-to of 80'-0" x 18'-0" for an area of 1,440.00 and a loading platform of 25'-10" x 68'-0" for an area of 1,756.44. This amounts to a total area of 39,338.03 sq. ft. of covered floor space.

The floor consists of a 4" thick reinforced concrete slab designed for a load capacity of 150 pounds p.s.f. with monolithic cement finish.

Exterior walls are of concrete blocks, plastered and painted on both sides.

Ceiling is rubbed and painted throughout the building.

Interior walls at the lean-to are plastered and painted.

Windows are Miami louvers throughout the building.

Interior doors are made of wood and exterior doors are industrial metal types.

Clearance in the manufacturing area from finish floor to lowest part of beams at the side's eaves is 12'-2".

~~JCV~~
JCV/wgo
April/11/2001

alcw

DESCRIPTION OF BUILDING T-0753-0-66 AT
SAN GERMAN, PUERTO RICO

This is a pitched roof type building consisting of reinforced concrete foundations, columns and girders supporting 30 feet long steel joists which in turn support prestressed concrete slabs (poretes), covered by 1/2" fiberglass insulation and a 3 plies built up roofing. This building has no monitors but roof ventilators are provided.

The structure consists of a main floor 120'-6" x 90'-6" out to out dimension for an area of 10,905.25-sq. ft. of manufacturing space. A lean-to area 37'-2" x 11'-6-3/4" for an area of 429.69. This amounts to a total area of 11,334.94 sq. ft. of covered floor space.

The floor consists of a 4" thick reinforced concrete slab.

Exterior walls are of concrete blocks, plastered and painted on both sides.

Ceiling is rubbed and painted throughout the building.

Interior walls at the lean-to are plastered and painted.

Windows are Miami aluminum type throughout the building.

Interior doors are made of wood and exterior doors are industrial metal types.

Clearance in the manufacturing area from finish floor to lowest part of beams at the side's eaves is 12'-0".

~~JC~~
JCV/EA
16/oct./01

acew

**DESCRIPTION OF BUILDING T-0753-1-89 AT
SAN GERMAN, PUERTO RICO**

This is a pitched roof type building consisting of reinforced concrete foundations, structural steel columns and girders supporting 30 feet long steel joists which in turn support gauge # 22 standard galvanized steel deck, covered by 1-1/2" fiberglass insulation and a 3 plies built up roofing. This building has no monitors but roof ventilators are provided.

The structure consists of a main floor 90'-8" x 150'-6" out to out dimension for an area 13,645.83 of -sq. ft. of manufacturing space. This amounts to the total area of 13,645.83 sq. ft. of covered space.

The floor consists of a 4" thick reinforced concrete slab. Designed for a live load of 150 pounds per square feet.


Exterior walls are of concrete blocks, plastered and painted on both sides.

Ceiling is steel deck and painted throughout the building.

Windows are Miami aluminum type throughout the building.

Exterior doors are industrial metal type.

Clearance in the manufacturing area from finish floor to lowest part of beams at the side's eaves is 12'-6".


JCV/EA
16/oct./01

acw

**DESCRIPTION OF BUILDING T-0881-0-67 AT
SAN GERMAN, PUERTO RICO**

This is a pitched roof type building consisting of reinforced concrete foundations, columns and steel girders supporting 30'-0" long steel joists which in turn support gauge #22 standard galvanized steel deck covered by 1" fiberglass insulation and a built-up roofing.

Roof ventilators are provided.

The structure consists of a main floor 120'-8" x 90'-9" out to out dimension for an area of 10,950.80-sq. ft. of manufacturing space. A lean-to area 10'-8" x 37'-0" for an area of 394.79 sq. ft. provided for sanitary facilities; a loading platform of 12'-2" x 24'-0" for an area of 292.08 sq. ft. This amounts to a total area of 11,637.67 sq. ft. of covered floor space.

The floor consists of a 4" thick reinforced concrete slab designed for a load capacity of 150 pounds p.s.f. with monolithic cement finish.

Exterior walls are of concrete blocks, plastered and painted on both sides.

Ceiling is steel deck painted throughout the building.

Interior walls at the lean-to are plastered and painted with epoxy paint.

Windows are Miami louvers throughout the building.

Interior doors are made of wood and exterior doors are industrial metal types.

There is one metal rolling door 10'-0" x 10'-0" at the loading area.

Clearance in the manufacturing area from finish floor to lowest part of beams at the side's eaves is 12'-2".

JCV *W*
April/24/2001

acw



ESTADO LIBRE ASOCIADO DE PUERTO RICO

COMPANIA DE FOMENTO INDUSTRIAL DE PUERTO RICO

G.P.O. APARTADO 2350 SAN JUAN, PUERTO RICO 00936

DIRECCION CABLEGRAFICA

"INDEVELCO"

March 9, 1984

DESCRIPTION OF BUILDING NUMBER T-0301-0-56 AT ARECIBO, P. R.

This building is a pitched roof type consisting of reinforced concrete foundations, columns and girders supporting 30 feet long steel joists which in turn support pre-cast (Porete) slabs, covered by 1/2" cellotex insulation and a 3-ply built-up roofing. This building has no monitor, but roof ventilators are provided.

The structure consists of a main floor 121'-0" x 90'-10" plus 8'-0" x 3'-4" out to out dimensions for an area of 11,017.15 sq. ft. of manufacturing space; an entrance porch 18'-0" x 8'-1" for an area of 145.44 sq. ft. and a lean-to 10'-8" x 31'-3" for an area of 334.19 sq. ft. to be used for sanitary facilities. This gives a total area of 11,496.78 sq. ft. of covered floor space.

The floor consists of a 4 inch thick reinforced concrete floor slab with a monolithic cement finish on the manufacturing area, storage room, stairs, and janitors room, quarry tiles; on the entrance porch and ceramic tile on the men's and ladies' toilet rooms.

Exterior walls are of concrete blocks plastered and painted on both sides except on the front wall which is reinforced concrete on the entrance porch only with a V-shaped finish on the rest and interior walls at the lean-to which are plastered and painted together with a 5'-0" epoxy paint at the mens and ladies toilet rooms.

Ceilings are scrubbed and painted throughout the building.

aew

Doors are flush plywood, except for one flush steel over at the main entrance; a flush steel at the rear entrance, and one metal and glass, double sliding one, at the loading platform.

Clearance in the manufacturing area from finish floor to lowest part of beams at the side esves is 12'-0" and 14'-9 3/4" at the center of the building.

de Cw



ESTADO LIBRE ASOCIADO DE PUERTO RICO

COMPANIA DE FOMENTO INDUSTRIAL DE PUERTO RICO

G.P.O. APARTADO 2350 SAN JUAN, PUERTO RICO 00936

DIRECCION CABLEGRAFICA
"INDEVELCO"

8 de marzo de 1984

DESCRIPTION OF TYPICAL BUILDING TYPE "L" - PROJECT NO. T-0301-1-73 ATARECIBO, P. R.

This building is a pitched roof type consisting of reinforced concrete foundations, columns and girders supporting 30 feet long steel joists which in turn support pre-cast (porete) slabs, covered by 1/2" fiberglass insulation and a 3 plies composite roofing. This building has no monitor, but roof ventilators are provided.

The structure consists of a main floor 121'-1" x 90'-10" out to out dimensions for an area of 10,998.10 sq. ft. of manufacturing space; and a lean-to 10'-9" x 31'-0" for an area of 333.25 sq. ft. to be used for sanitary facilities. This gives a total area of 11,331.35 sq. ft. of covered floor space.

The floor consists of a 4 inch thick reinforced concrete floor slab with a monolithic cement finish on the manufacturing area, storage room, stairs, and janitor room, quarry tiles, on the entrance porch and ceramic tiles on the men's and ladies' toilet rooms.

Exterior walls are of concrete blocks plastered and painted on both sides except on the front wall which is reinforced concrete on the entrance porch only with a V-shaped finish on the rest and interior walls at the lean-to which are plastered and painted together with a 5'-0" high epoxy paint at the mens and ladies rooms.

Windows are Miami aluminum louvers throughout the building except for metal pivoted sash at the front wall.

-2-

Windows are Miami aluminum louvers throughout the building except for metal pivoted sash at the front wall.

Doors are flush plywood, except for one flush steel over at the main entrance; a flush steel at the rear entrance, and one metal and glass, double sliding one, at the loading platform.

Clearance in the manufacturing area from finish floor to lowest part of beams at the side eaves is 12'-0" and 14'-9 3/8" at the center of the building.

ace

DESCRIPTION OF BUILDING NO. T-0303-0-56ARECIBO, PUERTO RICO

STRUCTURE : Building with a pitched roof consisting of prestressed concrete slabs (poretetes) supported by steel joists which are supported by a reinforced concrete columns and beams frame on reinforced concrete foundations.

INSULATION & WATERPROOFING: It has 1/2" thick fiberglass panels covered by a Danosa waterproofing system.

DIMENSIONS : Out-to-out dimensions of 121'-0" x 90' 10" plus 31'-2" x 10'-6" for an area of 11,317.71 square feet of manufacturing space; entrance porch 18'-0" x 8'-6" for an area of 153.00 square feet. This gives a total area of 11,470.71 square feet of covered space.

FLOOR : 4" thick reinforced concrete with monolithic cement finish designed for a live load of 150 psf.

WALLS : Exterior - cement block, plastered and painted on both sides.
Interior - cement block, plastered and painted on both sides (with epoxy paint in sanitary facilities).

DOORS : Exterior - painted, metal, industrial type.
Interior - wooden - flat - painted.
Roll-up - three (3) metal, 10'-0" x 10'-0".

WINDOWS : Aluminium, painted, miami type.

HEIGHT : Interior - from finish floor to lower part of beam in the side eaves - 12'-0".

SANITARY FACILITIES : It has seven (7) waterclosets; ten (10) lavatories and two (2) urinals.

HANDICAPPED FACILITIES : Not available.

July 1993

aaw

DESCRIPTION OF BUILDING NO. T-0303-1-58ARECIBO, PUERTO RICO

STRUCTURE : Building with a pitched roof consisting of prestressed concrete slabs (poretas) supported by steel joists which are supported by a reinforced concrete columns and beams frame on reinforced concrete foundations.

INSULATION & WATERPROOFING : It has 1/2" thick fiberglass panels covered by a Danosa waterproofing system.

DIMENSIONS : Out-to-out dimensions of 91'-0" x 30'-7" for an area of 2782.78 square feet of manufacturing space. This gives a total area of 2782.78 square feet of covered space.

FLOOR : 4" thick reinforced concrete with monolithic cement finish designed for a live load of 150 psf.

WALLS : Exterior - cement block, plastered and painted on both sides.

WINDOWS : Aluminium, painted, miami type.

HEIGHT : Interior - from finish floor to lower part of beam in the side eaves - 12'-0".

July 1993

aaw

DESCRIPTION OF BUILDING NO. T-0303-2-61ARECIBO, PUERTO RICO

STRUCTURE : Building with a pitched roof consisting of prestressed concrete slabs (poretas) supported by steel joists which are supported by a reinforced concrete columns and beams frame on reinforced concrete foundations.

INSULATION & WATERPROOFING : It has 1/2" thick fiberglass panels covered by a Danosa waterproofing system.

DIMENSIONS : Out-to-out dimensions of 90'-10" x 61'-1" for an area of 5547.90 square feet of manufacturing space. This gives a total area of 5547.90 square feet of covered space.

FLOOR : 4" thick reinforced concrete with monolithic cement finish designed for a live load of 150 psf.

WALLS : Exterior - cement block, plastered and painted on both sides.

WINDOWS : Aluminium, painted, miami type.

HEIGHT : Interior - from finish floor to lower part of beam in the side eaves - 12'-0".

July 1993

acw

RJ

GOBIERNO DE PUERTO RICO
COMPAÑIA DE FOMENTO INDUSTRIAL DE PUERTO RICO

355 Ave. F.D. Roosevelt
San Juan, Puerto Rico 00918

Teléfono (809) 758-4747
Facsimil (809) 250-1599

June 13th, 1995

DESCRIPTION OF BUILDING T-0303-3-64 AT ARECIBO, PR

This is a pitched roof type building consisting of reinforced concrete foundations, columns and girders supporting prestressed concrete slabs (poretas) covered by 1/2" fiberglass insulation and a 3 plies built-up roofing. Roof ventilators are provided.

The structure consists of a main floor 121'-3" x 61'-1" (-) 31'-2" x 10'-6" out to out dimensions with an area of 7,078.67 sq. ft. of manufacturing space. This amounts to a total area of 7,078.67 sq. ft. of covered floor space.

The floor consists of a 4" thick reinforced concrete slab with a monolithic cement finish. Floor slab designed for a live load of 150 pounds per square feet.

Exterior walls are of concrete blocks plastered and painted on both sides.

Interior walls at lean-to are plastered and painted together with epoxy paint.

Ceiling is rubbed and painted throughout the building. Windows are miami aluminum type throughout the building.

Clearance in the manufacturing area from finished floor to lowest part of beams at the side eaves is 12'-0".



ESTADO LIBRE ASOCIADO DE PUERTO RICO

COMPANIA DE FOMENTO INDUSTRIAL DE PUERTO RICO

G.P.O. APARTADO 2350 SAN JUAN, PUERTO RICO 00936

October 9th, 1990

TELEX: 3252678
3654319
3855245DESCRIPTION OF BUILDING - PROJECT NUMBER T-0302-0-56ARECIBO, PUERTO RICO

The building is a pitched roof type consisting of reinforced concrete foundations, columns and girders supporting 30 feet long steel joist which in turn support pre-cast (Porete) slabs, covered by 1/2" cellotex insulation and a 3-ply built-up roofing. This building has no monitor but roof ventilators are provided.

The structure consists of a main floor 121'-0" x 90'-10" out to out dimensions for an area of 10,990.43 sq.ft. of manufacturing area, an entrance porch 18'-0" x 8'-6" for an area of 153.00 ft. and a lean-to 31'-2" x 10'-6" for an area of 327.28 sq.ft. to be used for sanitary facilities. This gives a total area of 11,470.71 sq.ft. of covered floor space.

The floor consists of a 4" thick reinforced concrete floor slab with a monolithic cement finish on the manufacturing area, stairs, janitor's room and storage room; quarry tiles on the entrance porch and ceramic tile on the men's and ladies' toilet rooms.

Exterior walls are of concrete block walls plastered and painted on both sides except on the front wall which is of reinforced concrete on the entrance porch with concrete

*all**PS*

Estado Libre Asociado de Puerto Rico
COMPANIA DE FOMENTO INDUSTRIAL DE PUERTO RICO

DESCRIPTIONT-0302-0-56PAGE 2October 9th, 1990

blocks on the rest of front wall with a V-shaped and interior walls at the lean-to which are plastered and painted together with a 5'-11" high sprayed-on glazed finish wainscoat at the men's and ladies' toilet rooms.

Ceilings are rubbed and painted throughout the building.

Windows are Miami Aluminum louvers throughout the building except for pivoted metal sash at the front wall.

Doors are plywood panel, except for one flush steel over at the main entrance, a flush steel at the rear entrance, and one metal and glass double sliding one at the loading platform.

Clearance in the manufacturing area from finished floor to lowest part of beams at the side eaves us 12'-0" and 14'-9 3/8" at the center of the building.,

acw

PH

DESCRIPTION OF BUILDING S-0174-0-53
AT VEGA ALTA, PUERTO RICO

This is a monitor type building consisting of reinforced concrete foundations, columns, beams, and girders, supporting semi-flat reinforced concrete roof slabs.

It consists of a main floor 271'-6" X 241'-4" for an area of 65,521.09 sq.ft. of manufacturing space; an entrance lobby 59'-1" X 7'-6" for an area of 443.10 sq.ft.; two lean-to's, one 30'-11" X 12'-0", the other 62'-9" X 12'-0" for an area of 1,124.04 sq.ft. to be used for sanitary facilities; a steam generator room 61'-6" X 29'-0" for an area of 1,783.50 sq.ft.; a storage room 61'-0" X 25'-0" for an area of 1,525.00 sq.ft.; a covered concrete apron. 89'-9" X 25'-0" for an area of 2,243.75 sq.ft.; a sump room 40'-0" X 15'-0" for an area of 600 sq.ft.; and a covered loading platform 120'-0" X 7'-4" for an area of 880.00 sq.ft. All this gives a total area of 74,120.48 sq.ft. of covered floor space.

The floor consists of a 5" thick reinforced concrete slab with a monolithic cement finish everywhere except at entrance porch, offices, and lean-to which have cement tiles.

Exterior walls are of clay tile blocks plastered and painted on both sides.

Interior walls at lean-to are plastered and painted together with a 5'-0" high cement file finish wainscot.

Ceilings are rubbed and painted everywhere except at entrance porch which is plastered and painted.

cc

RA

Página #2
Description of Building
S-0174-0-53 At Vega Alta, P.R.

Windows are steel sash everywhere except at men's and ladies' toilet rooms which are miami aluminum ones and asbestos cement fixed louvers at storage room.

Doors are flush plywood ones throughout the building except for wood panels and glass equipped with antipanic hardware set at main entrance, at right side of building and at ramp on left side of building; metal single sliding doors at steam generator and at storage rooms; and steel rolling doors at left side of building and at loading platform at back.

Clearance in the manufacturing area from finish floor to lowest part of beams at right side eave is 12'-6" and 18'-10" at the highest points at right side of building.

EJF/LAM/alr
8-14-86

agw

RA

DESCRIPTION OF BUILDING NO. S-0726-0-65
PATILLAS, PUERTO RICO

STRUCTURE : Building with a pitched roof consisting of pre-stressed concrete slabs (poretetes) supported by steel joists which are supported by a reinforced concrete columns and beams frame on reinforced concrete foundations.

INSULATION & WATERPROOFING: It has 2" thick fiberglass panels covered by a three-ply built-up roof impregnated in asphalt.

DIMENSIONS : Out-to-out dimensions of 270'-6 1/2" x 240'-6" for an area of 65,064.87 square feet of manufacturing space; lean-to of 31'-2" x 10'-6" for an area of 327.29 square feet for sanitary facilities; rest area of 43'-6 1/2" x 7'-6" for an area of 326.55 square feet, shipping area of 45'-0" x 30'-0" for an area of 1350.00 square feet; telephone room of 15'-0" x 30'-0" for an area of 450.00 square feet; storage room of 74'-0" x 30'-0" for an area of 2220.00 square feet; air conditioning room of 70'-9" x 53'-1" for an area of 3755.41 square feet; refrigeration room of 20'-3" x 53'-1" for an area of 1074.87 square feet; electric equipment rooms of 15'-0" x 30'-3" for an area of 453.75 square feet; oven room of 15'-0" x 30'-3" for an area of 453.75 square feet; two (2) loading docks- one (1) of 60'-8" x 9'-0" & another of 13'-11" x 10'-10" for an area of 696.78 square feet and a cafeteria room of 60'-8" x 30'-0" plus 16'-0" x 11'-0" for an area of 1996.10 square feet. This gives a total area of 78,169.37 square feet of covered space.

FLOOR : 4" thick reinforced concrete with monolithic cement finish designed for a live load of 150 psf.

WALLS : Exterior - cement block, plastered and painted on both sides.
Interior - cement block, plastered and painted on both sides (with epoxy paint in sanitary facilities.

aa

DESCRIPTION OF BUILDING NO. S-0726-0-65
PATILLAS, P.R.

PAGE 2

DOORS : Exterior - painted, metal, industrial type.
Interior - wooden - flat - painted.
Roll-up - three (3) metal, 10'-0" x 10'-0".

WINDOWS : Aluminium, painted, miami type.

HEIGHT : Interior - from finish floor to lower part of beam in the side eaves - 16'-0"; in the center - 18'-6".

SANITARY FACILITIES : It has nineteen (19) waterclosets; thirteen (13) lavatories and four (4) urinals.

HANDICAPPED FACILITIES : Ramp, handicapped lavatory and watercloset.

ROOF EXTRACTOR : There are thirteen (13) units in the roof area.

July 1993

ae

DESCRIPTION OF BUILDING NO. S-0726-1-68PATILLAS, PUERTO RICO

STRUCTURE : Building with a pitched roof consisting of pre-stressed concrete slabs (poretes) supported by steel joists which are supported by a reinforced concrete columns and beams frame on reinforced concrete foundations.

INSULATION & WATERPROOFING : It has 2" thick fiberglass panels covered by a three-ply built-up roof impregnated in asphalt.

DIMENSIONS : Out-to-out dimensions of 31'-1" x 240'-6" for an area of 7474.74 square feet of manufacturing space.

FLOOR : 4" thick reinforced concrete with monolithic cement finish designed for a live load of 150 psf.

WALLS : Exterior - cement block, plastered and painted on both sides.
Interior - cement block plastered and painted on both sides (with epoxy paint in sanitary facilities).

DOORS : Exterior - painted, metal, industrial type.

WINDOWS : Aluminium, painted, miami type.

HEIGHT : Interior - from finish floor to lower part of beam in the side eaves - 16'-0"; in the center - 18'-6".

as

July 1993

DESCRIPCION DEL EDIFICIO NUM. S-0161-0-53
HUMACAO, PUERTO RICO

ESTRUCTURA

: Consiste en un techo inclinado de paneles prefabricados de hormigón "poretas" sostenido sobre viguetas de acero, apoyadas en un armazón de vigas y columnas de hormigón sobre cimientos de hormigón armado.

AISLACION
E IMPERMEABILIZACION

: Tiene aislación de 1' pulgada de fibras de cristal con un sistema de impermeabilización consistente en cuatro felpas impregnadas de asfalto.

DIMENSIONES

: Exteriores de 91' - 2" x 240' - 6" con un área de 21,926.39 pies cuadrados para manufactura; área de facilidades sanitarias de 20' - 0" x 52' - 0" con un área de 1,040.00 pies cuadrados. El área total del edificio es de 22,966.39 pies cuadrados de espacio cubierto.

PISO

: Losa de 4" de hormigón armado y terminación monolítica de cemento, diseñada para soportar carga viva de 150 libras por pie cuadrado.

PAREDES

: Exteriores - de bloque de 6" empañetada y pintada por ambos lados.

Interiores - de bloque de 6" empañetada y pintada por ambos lados (con pintura epóxica en las facilidades sanitarias).

DESCRIPCION S-0161-0-53

HUMACAO, PUERTO RICO

PUERTAS

: Exteriores - de metal tipo industrial pintada.

Interiores - de madera, lisa, pintada.

VENTANAS

: De aluminio tipo miami.

ALTURA

: En el interior, la menor, desde el piso hasta la parte inferior de la viga lateral es 12' - 0".

FACILIDADES SANITARIAS

: Tienen 15 inodoros, 4 lavamanos y 2 urinales.

EXTRACTORES

: En el techo del edificio hay 3 unidades de extractores.

acw

DESCRIPCION DEL EDIFICIO NUM. S-0161-1-73
HUMACAO, PUERTO RICO

- ESTRUCTURA : Consiste en un techo inclinado de paneles prefabricados de hormigón "poretas" sostenido sobre viguetas de acero, apoyadas en un armazón de vigas y columnas de hormigón sobre cimientos de hormigón armado.
- AISLACION
E IMPERMEABILIZACION : Tiene aislación de 1' pulgada de fibras de cristal con un sistema de impermeabilización consistente en cuatro felpas impregnadas de asfalto.
- DIMENSIONES : Exteriores de 91' - 2" x 81' - 6" con un área de 7,430.36 pies cuadrados para manufactura; y plataforma de carga techada de 20'-0" x 72'-0" con área de 1,440 pies cuadrados. El área total del edificio es de 8,870.36 pies cuadrados de espacio cubierto.
- PISO : Losa de 4" de hormigón armado y terminación monolítica de cemento, diseñada para soportar carga viva de 150 libras por pie cuadrado.
- PAREDES : Exteriores - de bloque de 6" empañetada y pintada por ambos lados.
- PUERTAS : Exteriores - de metal tipo industrial pintada.
Interiores - de madera, lisa, pintada.
- VENTANAS : De aluminio tipo miami.

DESCRIPCION S-0161-1-73
HUMACAO, PUERTO RICO

ALTURA

: En el interior, la menor, desde el piso hasta la parte inferior de la viga lateral es 12' - 0".

FACILIDADES SANITARIAS

: N/A

EXTRACTORES

: En el techo del edificio hay 1 unidad de extractores.

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OK

DESCRIPTION OF BUILDINGS NO. S-1336-0-82
HUMACAO, PUERTO RICO

- STRUCTURE : Pitched roof type building consisting of a gauge 22 corrugated steel deck supported on steel joists which in turn are supported by steel beams and columns on reinforced concrete foundations
- INSULATION AND WATER PROOFING : It has a 1" fiberglass panel insulation topped by a three ply built-up roof system
- DIMENSIONS : Exterior, out to out dimensions of 90'-0" x 362'-01" with an area of 32,768.24 square feet of manufacturing space; two lean-to facilities 12'-6" x 30'-6" with an area of 762.50 square feet; one covered loading platform 16'-0" x 24'-0" with an area of 384 square feet. This gives a total area of 33,914.74 square feet of covered space.
- FLOOR : Reinforced concrete slab, 4" thick with monolithic cement finish designed to support a live load of 150 psf.
- WALLS : Exterior - 6" cement blocks, plastered and painted on both sides
Interior - 6" cement blocks plastered and painted on both sides with epoxy paint inside the lean-to
- DOORS : Exterior - metal, industrial type painted
Interior - wooden, flat, painted
Roll-up - two metal, one 10'-0" x 12'-0" and one (9'-6" x 10'-0")

acw



WINDOWS : Aluminum, miami type

HEIGHT : Interior 18'- 2 1/2" from finish floor to
lowest part of side beam

SANITARY FACILITIES: Fourteen waterclosets, sixteen lavatories
, and four urinals

HANDICAPPED Reinforced concrete ramp with galvanized
tubing railings

ROOF EXTRACTORS : Eight units on the roof

*ac**QY*

DESCRIPTION OF BUILDING T-849-0-68, VIEQUES, P.R., TYPE "X-1"

This is a pitched roof type building consisting of reinforced concrete foundations, steel columns, and steel girders supporting 30 feet long steel joists which in turn support 22 gauge standard galvanized steel deck, covered by 1" fiberglass insulation and a 3 plies built-up roofing. Roof ventilators are provided.

The structure consists of a main floor 120'-6" x 90'-11" out to out dimensions with an area of 10,955.86 sq. ft. of manufacturing space; a lean-to 31'-2" x 10'-6" for an area of 327.29 sq. ft. This amounts to a total area of 11,283.15 sq. ft. of covered floor space.

The floor consists of a 3 1/2" thick reinforced concrete slab with a monolithic cement finish. Floor slab is designed for a load capacity of 150 pounds p.s.f.

Exterior walls are of concrete blocks plastered and painted on both sides.

Interior walls at the lean-to are plastered and painted together with a 6'-1" high sprayed-on glazed finish Vitricon.

Windows are miami aluminum louvers throughout the building.

Interior doors are made of plywood and exterior are industrial metal type.

Clearance in the manufacturing area from finish floor to lowest part of beams at the side eaves is 12'-8".

aaw

QW

DESCRIPTION OF BUILDING T-0849-1-69, AT VIEQUES, PUERTO RICO

This is a pitched roof type building consisting of reinforced concrete foundations, steel columns, and steel girders supporting 30 feet long steel joists which in turn support 22 gauge standard galvanized steel deck, covered by 1" fiberglass insulation and a 3 plies built-up roofing. Roof ventilators are provided.

The structure consists of a main floor 120'-6" x 90'-0" out to out dimensions with an area of 10,845.00 sq. ft. of manufacturing space. A lean-to 31'-6" for an area of 330.75 sq. ft. This amounts to a total area of 11,175.75 sq. ft. of covered floor space.

The floor consists of a 3 1/2" thick reinforced concrete slab with a monolithic cement finish. Floor slab designed for a load capacity of 150 pounds p.s.f.

Exterior walls are of concrete blocks plastered and painted on both sides.

Interior walls at the lean-to are plastered and painted together with a 6'-1" high sprayed-on glazed finish Vitricon.

Windows are miami aluminum louvers throughout the building.

Interior doors are made of plywood and exterior are industrial metal type.

Clearance in the manufacturing area from finish floor to lowest part of beams at the side eaves is 12'-9".

acw

QF